Operations suspended - 5/14/79

FILE NOTATIONS

Entered in NID File ..✓.....
Location Map Pinned ..✓.....
Card Indexed ..✓.....

Checked by Chief .....
Approval Letter .....
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed .....
[illegible] TA.....
[illegible] OS..... PA.....

Location Inspected .....
Bond released
State or Fee Land .....

LOGS FILED

Driller's Log..✓.....
Electric Logs (No.) ..✓.....
[illegible] I..... Dual I Lat..... GR-N..... Micro.....
[illegible] Sonic GR..... Lat..... Mi-L..... Sonic.....
[illegible] CCLog..... Others.....

AMERICAN QUASAR PETROLEUM CO.

330 PACIFIC WESTERN LIFE BUILDING / CASPER / WYOMING 82601 U.S.A. / TELEPHONE (307) 265-3362

OUR NEW ADDRESS:
204 SUPERIOR BLDG.
201 NO. WOLCOTT

RECEIVED
AUG 4 1978
DIVISION OF OIL, GAS, & MINING

August 2, 1978

Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Pat Driscoll

Re: UPRR #15-1
SW¼ NW¼ Section 15-2N-7E
Summit County, Utah

Gentlemen:

Attached is the Application for Permit to Drill with surveyor's plat for the captioned well.

The location is staked more than 200' from the center of the SW¼ NW¼, to avoid disturbing water flow in Fish Creek.

If any additional information is needed, please contact me.

Very truly yours,

Kary J. Kaltenbacher

Kary J. Kaltenbacher
Division Drilling Engineer

KJK:bh
Enc's

Form OGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.: Fee - Pooled

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name:

1a. Type of Work
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

7. Unit Agreement Name:

b. Type of Well
Oil Well ☒ Gas Well ☐ Other — Single Zone ☐ Multiple Zone ☒

8. Farm or Lease Name: UPRR

2. Name of Operator: American Quasar Petroleum Co.

9. Well No.: 15-1

3. Address of Operator: 204 Superior Bldg., Casper, Wyoming 82601

10. Field and Pool, or Wildcat: Elkhorn

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface: 914.35' FWL & 1681.16' FNL

11. Sec., T., R., M., or Blk. and Survey or Area: 15-2N-7E

At proposed prod. zone: Same

RECEIVED AUG 4 1978 DIVISION OF OIL, GAS, & MINING

14. Distance in miles and direction from nearest town or post office*: 8 miles southeast of Upton, Utah

12. County: Summit 13. State: Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)	16. No. of acres in lease	17. No. of acres assigned to this well
914.35'	Pooled	80.00

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.	19. Proposed depth	20. Rotary or cable tools
None	10,500'	Rotary

21. Elevations (Show whether DF, RT, GR, etc.): 7030' GR

22. Approx. date work will start*: 10/1/78

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17-1/2"	13-3/8"	48#	60'	60 sx (to surface)
12-1/4"	9-5/8"	36#	2,000'	1000 sx (to surface)
8-3/4"	7"	17#	10,500'	1000 sx

Proposed operations:

Drill 12¼" hole to 2,000'±, using native mud.
Run and cement 9-5/8" surface casing.
Nipple up 10" 5000 psi wp doublegate hydraulic BOP & Hydril. Pressure-test stack.
Drill 8-3/4" hole to total depth with low solids non-disp.
Run BHC Sonic-GR-Cal, DIL, CNL-FDC Logs.
Run production casing if required.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

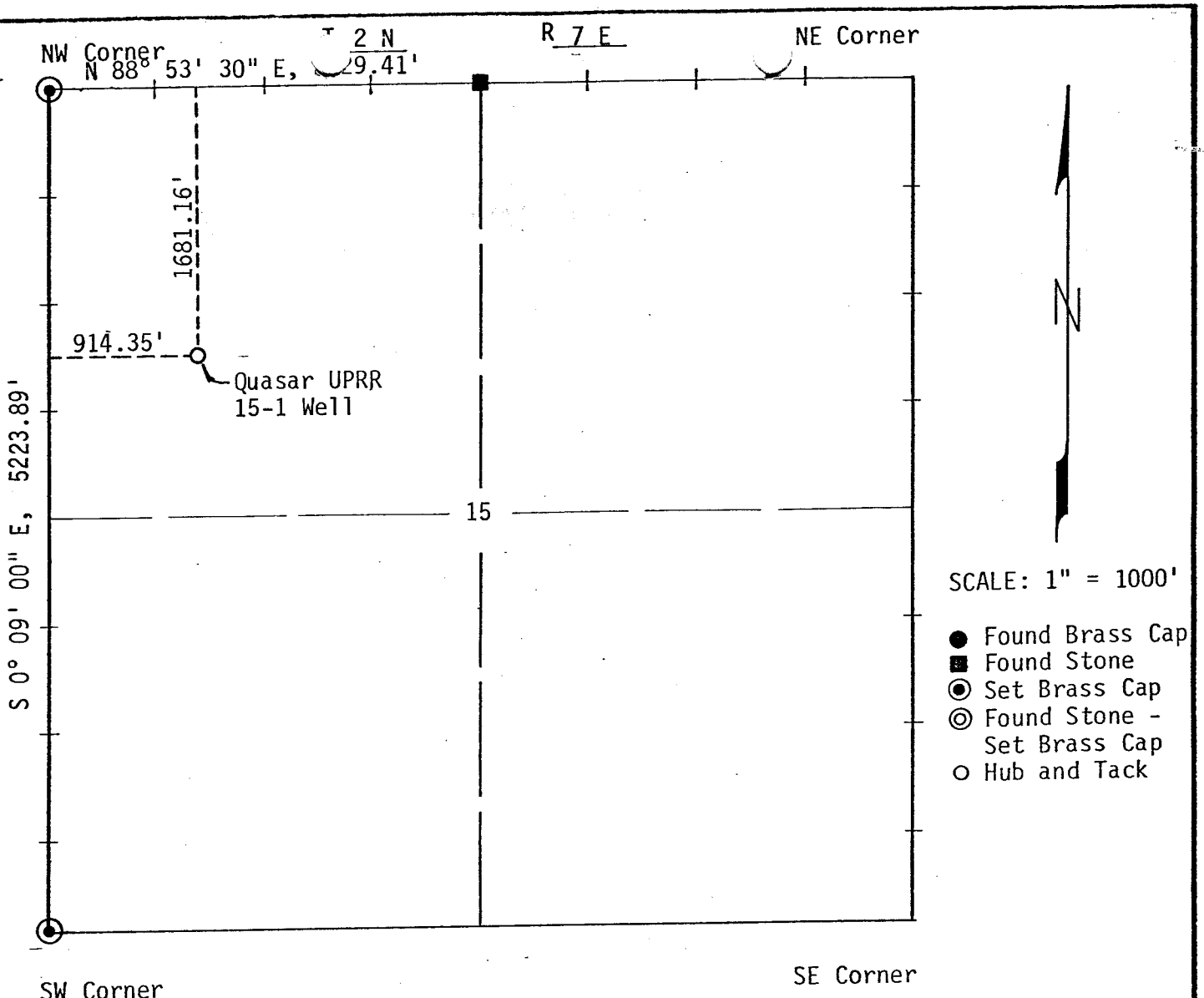
Signed: Kary J. Kaltenbacher Title: Division Drilling Engr. Date: 8/2/78

(This space for Federal or State office use)

Permit No. ..... Approval Date .....

Approved by ..... Title ..... Date .....
Conditions of approval, if any:

*See Instructions On Reverse Side



I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from Max Sims of Casper, Wyoming for American Quasar I made a survey on the 20,28 day of July, 19 78 for Location and Elevation of the Quasar UPRR 15-1 Well as shown on the above map, the wellsite is in the SW¼ NW¼ of Section 15, Township 2 North, Range 7 East of the Salt Lake Base Meridian Summit County, State of Utah, Elevation is 7030.1 Feet to top of hub Datum Spot Elev. 7193 in NW¼ NW¼ Sec. 15, T2N, R7E on U.S.G.S. Quadrangle Map, "Upton, Utah"

Reference point 250' North Elev. to top of 5/8" bar 7055.0'

Reference point 200' East Elev. to top of 5/8" bar 7060.2

Reference point 400' North Elev. to top of 5/8" bar 7075.3

Reference point

John A. Proffit 7/31/78

JOHN A. PROFFIT, UTAH R.L.S. NO. 2068

UINTA ENGINEERING & SURVEYING, INC.
808 MAIN STREET, EVANSTON, WYOMING

DATE: July 31, 1978
JOB NO.: 78-14-16

Form OGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. Lease Designation and Serial No.: Fee - Pooled

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Farm or Lease Name: UPRR

9. Well No.: 15-1

10. Field and Pool, or Wildcat: Elkhorn

11. Sec., T., R., M., or Blk. and Survey or Area: 15-2N-7E

1a. Type of Work: DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. Type of Well: Oil Well ☒ Gas Well ☐ Other — Single Zone ☐ Multiple Zone ☒

2. Name of Operator: American Quasar Petroleum Co.

3. Address of Operator: 204 Superior Bldg., Casper, Wyoming 82601

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface: 914.35' FWL & 1681.16' FNL
At proposed prod. zone: Same SW NW

12. County: Summit 13. State: Utah

14. Distance in miles and direction from nearest town or post office*: 8 miles southeast of Upton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any): 914.35'

16. No. of acres in lease: Pooled

17. No. of acres assigned to this well: 80.00

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.: None

19. Proposed depth: 10,500'

20. Rotary or cable tools: Rotary

21. Elevations (Show whether DF, RT, GR, etc.): 7030' GR

22. Approx. date work will start*: 10/1/78

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17-1/2"	13-3/8"	48#	60'	60 sx (to surface)
12-1/4"	9-5/8"	36#	2,000'	1000 sx (to surface)
8-3/4"	7"	17#	10,500'	1000 sx

Proposed operations:

Drill 12¼" hole to 2,000'±, using native mud.
Run and cement 9-5/8" surface casing.
Nipple up 10" 5000 psi wp doublegate hydraulic BOP & Hydril. Pressure-test stack.
Drill 8-3/4" hole to total depth with low solids non-disp.
Run BHC Sonic-GR-Cal, DIL, CNL-FDC Logs.
Run production casing if required.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

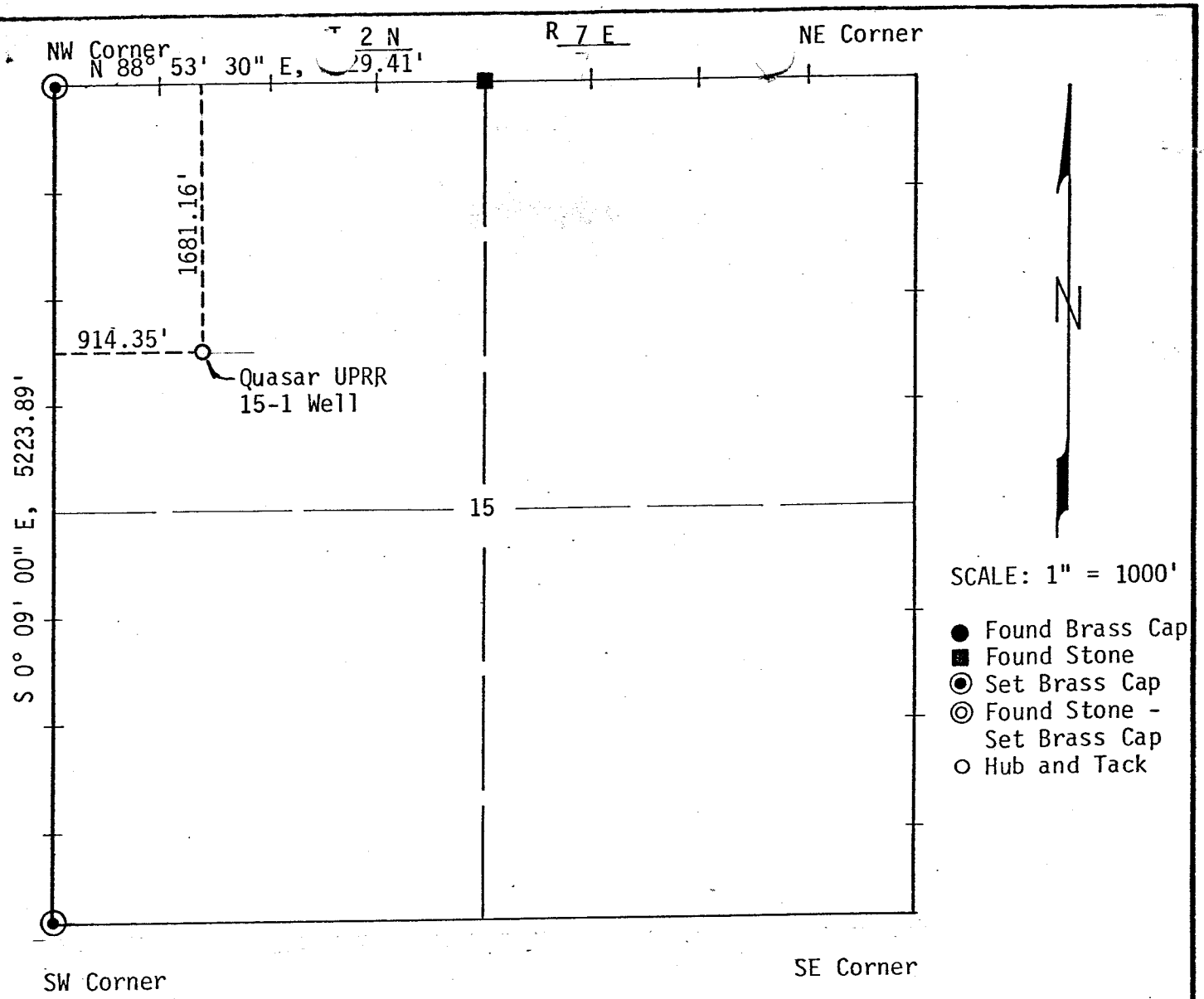
Signed: Kary J. Kaltenbacher Title: Division Drilling Engr. Date: 8/2/78
Kary J. Kaltenbacher

(This space for Federal or State office use)

Permit No. 43-043-30080 Approval Date:

Approved by: Title: Date:
Conditions of approval, if any:

*See Instructions On Reverse Side



I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from Max Sims of Casper, Wyoming for American Quasar I made a survey on the 20,28 day of July, 19 78 for Location and Elevation of the Quasar UPRR 15-1 Well as shown on the above map, the wellsite is in the SW¼ NW¼ of Section 15, Township 2 North, Range 7 East of the Salt Lake Base Meridian Summit County, State of Utah, Elevation is 7030.1 Feet to top of hub Datum Spot Elev. 7193 in NW¼ NW¼ Sec. 15, T2N, R7E on U.S.G.S. Quadrangle Map, "Upton, Utah"

Reference point 250' North Elev. to top of 5/8" bar 7055.0'

Reference point 200' East Elev. to top of 5/8" bar 7060.2'

Reference point 400' North Elev. to top of 5/8" bar 7075.3'

Reference point

John A. Proffit 7/31/78

JOHN A. PROFFIT, UTAH R.L.S. NO. 2068

UINTA ENGINEERING & SURVEYING, INC.
808 MAIN STREET, EVANSTON, WYOMING

DATE: July 31, 1978
JOB NO.: 78-14-16

Form OGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. Lease Designation and Serial No.: Fee - Pooled

6. If Indian, Allottee or Tribe Name:

1a. Type of Work: DRILL ☒ DEEPEN ☐ PLUG BACK ☐

7. Unit Agreement Name:

b. Type of Well: Oil Well ☒ Gas Well ☐ Other — Single Zone ☐ Multiple Zone ☒

8. Farm or Lease Name: UPRR

2. Name of Operator: American Quasar Petroleum Co.

9. Well No.: 15-1

3. Address of Operator: 204 Superior Bldg., Casper, Wyoming 82601

10. Field and Pool, or Wildcat: Elkhorn

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface: 914.35' FWL & 1681.16' FNL

11. Sec., T., R., M., or Blk. and Survey or Area: 15-2N-7E

At proposed prod. zone: Same

14. Distance in miles and direction from nearest town or post office*: 8 miles southeast of Upton, Utah

12. County: Summit 13. State: Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any): 914.35'

16. No. of acres in lease: Pooled

17. No. of acres assigned to this well: 80.00

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.: None

19. Proposed depth: 10,500'

20. Rotary or cable tools: Rotary

21. Elevations (Show whether DF, RT, GR, etc.): 7030' GR

22. Approx. date work will start*: 10/1/78

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17-1/2"	13-3/8"	48#	60'	60 sx (to surface)
12-1/4"	9-5/8"	36#	2,000'	1000 sx (to surface)
8-3/4"	7"	17#	10,500'	1000 sx

Proposed operations:

Drill 12¼" hole to 2,000'±, using native mud.
Run and cement 9-5/8" surface casing.
Nipple up 10" 5000 psi wp doublegate hydraulic BOP & Hydril. Pressure-test stack.
Drill 8-3/4" hole to total depth with low solids non-disp.
Run BHC Sonic-GR-Cal, DIL, CNL-FDC Logs.
Run production casing if required.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

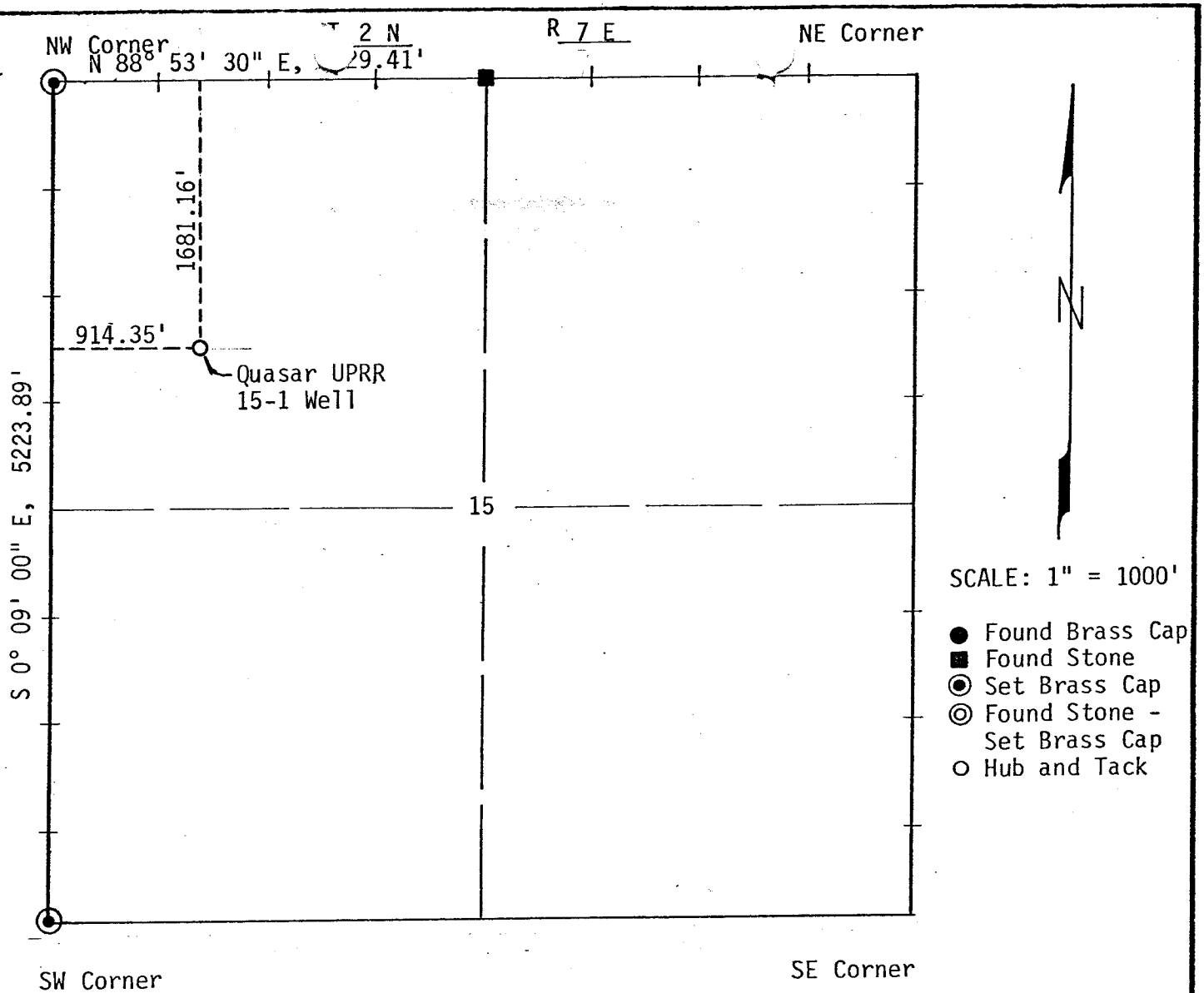
Signed: Karyn J. Kaltenbacher Title: Division Drilling Engr. Date: 8/2/78
Karyn J. Kaltenbacher

(This space for Federal or State office use)

Permit No. ..... Approval Date .....

Approved by ..... Title ..... Date .....
Conditions of approval, if any:

*See Instructions On Reverse Side



I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from Max Sims of Casper, Wyoming for American Quasar I made a survey on the 20,28 day of July, 19 78 for Location and Elevation of the Quasar UPRR 15-1 Well as shown on the above map, the wellsite is in the SW¼ NW¼ of Section 15, Township 2 North, Range 7 East of the Salt Lake Base Meridian Summit County, State of Utah, Elevation is 7030.1 Feet to top of hub Datum Spot Elev. 7193 in NW¼ NW¼ Sec. 15, T2N, R7E on U.S.G.S. Quadrangle Map, "Upton, Utah"

Reference point 250' North Elev. to top of 5/8" bar 7055.0'

Reference point 200' East Elev. to top of 5/8" bar 7060.2

Reference point 400' North Elev. to top of 5/8" bar 7075.3

Reference point

John A. Proffit 7/31/78

JOHN A. PROFFIT, UTAH R.L.S. NO. 2068

UINTA ENGINEERING & SURVEYING, INC.
808 MAIN STREET, EVANSTON, WYOMING

DATE: July 31, 1978
JOB NO.: 78-14-16

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

** FILE NOTATIONS **

Date: Aug. 8-

Operator: American Quasar

Well No: UPRR 15-1

Location: Sec. 15 T. 2N R. 7E County: Summit

File Prepared: / ✓ / *Entered on N.I.D.:* / ✓ /

Card Indexed: / ✓ / *Completion Sheet:* / ✓ /

API NUMBER: 43-043-30080

CHECKED BY:

Administrative Assistant Sw

Remarks: Outside Spaced Area - Rockwell - Sec. 15

Petroleum Engineer P

Remarks:

Director 7

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: / ✓ / *Survey Plat Required:* / /

Order No. ______ / / *Surface Casing Change* / /
to ______

Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site / ✓ / See letter

O.K. Rule C-3 / / *O.K. In* ______ *Unit* / /

Other:

/ ✓ / *Letter Written/~~Approved~~*

August 8, 1978

American Quasar Petroleum Co.
204 Superior Building
Casper, Wyoming 82601

Re: Well No. UPRR 15-1
Sec. 15, T. 2 N, R. 7 E,
Summit County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-043-30080.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

AMERICAN QUASAR PETROLEUM CO.

330 PACIFIC WESTERN LIFE BUILDING / CASPER / WYOMING 82601 U.S.A. / TELEPHONE (307) 265-3362

OUR NEW ADDRESS:
204 SUPERIOR BLDG.
201 NO. WOLCOTT

October 6, 1978

Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Cleon B. Feight, Director

Re: UPRR #15-1
NE¼ NW¼ Section 15-2N-7E
Summit County, Utah

Gentlemen:

Attached is the amended Application for Permit to Drill with new surveyor's plat for the captioned well.

The location was moved from the SW¼ NW¼ of Section 15 to the NE¼ NW¼ of Section 15.

If there are any questions, please contact me.

Very truly yours,

Kary J. Kaltenbacher

Kary J. Kaltenbacher
Division Drilling Engineer

KJK:bh
Enc's

Location Change

RECEIVED
OCT 11 1978
DIVISION OF OIL, GAS, & MINING

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER (Location)

2. NAME OF OPERATOR: American Quasar Petroleum Co.

3. ADDRESS OF OPERATOR: 204 Superior Bldg., Casper, Wyo. 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 914.35' FWL & 1681.16' FNL

5. LEASE DESIGNATION AND SERIAL NO.: Fee - Pooled

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: UPRR

9. WELL NO.: 15-1

10. FIELD AND POOL, OR WILDCAT: Elkhorn

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 15-2N-7E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7030' GR

12. COUNTY OR PARISH: Summit

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Monthly Report of Operations			X
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Approval to drill granted August 8, 1978.

No operations have been commenced as of this date.

18. I hereby certify that the foregoing is true and correct

SIGNED John E. Sindelar TITLE Division Drlg. Supt. DATE 9/1/78

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGC-1a

AMENDED

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.: Fee - Pooled

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name:

1a. Type of Work: DRILL ☒ DEEPEN ☐ PLUG BACK ☐

7. Unit Agreement Name:

b. Type of Well: Oil Well ☒ Gas Well ☐ Other — Single Zone ☐ Multiple Zone ☒

8. Farm or Lease Name: UPRR

2. Name of Operator: American Quasar Petroleum Co.

9. Well No.: 15-1

3. Address of Operator: 204 Superior Bldg., Casper, Wyoming 82601

10. Field and Pool, or Wildcat: Wildcat

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface: 2081.8' FWL & 696.7' FNL NENW
At proposed prod. zone: Same

11. Sec., T., R., M., or Blk. and Survey or Area: 15-2N-7E

14. Distance in miles and direction from nearest town or post office*: 8 miles SE of Upton, Utah

12. County: Summit 13. State: Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)	16. No. of acres in lease	17. No. of acres assigned to this well
547.61'	Pooled	80.00
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.	**19. Proposed depth**	**20. Rotary or cable tools**
None	10,500'	Rotary

21. Elevations (Show whether DF, RT, GR, etc.): 7265' GR

22. Approx. date work will start*: 11/1/78

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17½"	13-3/8"	48#	60'	60 sx (to surface)
12¼"	9-5/8"	36#	2,000'	1000 sx (to surface)
8-3/4"	7"	17#	10,500'	1000 sx

Proposed operations:

Drill 12¼" hole to 2,000'±, using native mud.
Run and cement 9-5/8" surface casing.
Nipple up 10" 5000 psi wp doublegate hydraulic BOP & Hydril. Pressure-test stack.
Drill 8-3/4" hole to total depth with low solids non-disp.
Run BHC Sonic-GR-Cal, DIL, CNL-FDC Logs.
Run production casing if required.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: Oct. 16 1978
BY: Cleon B. Feight

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

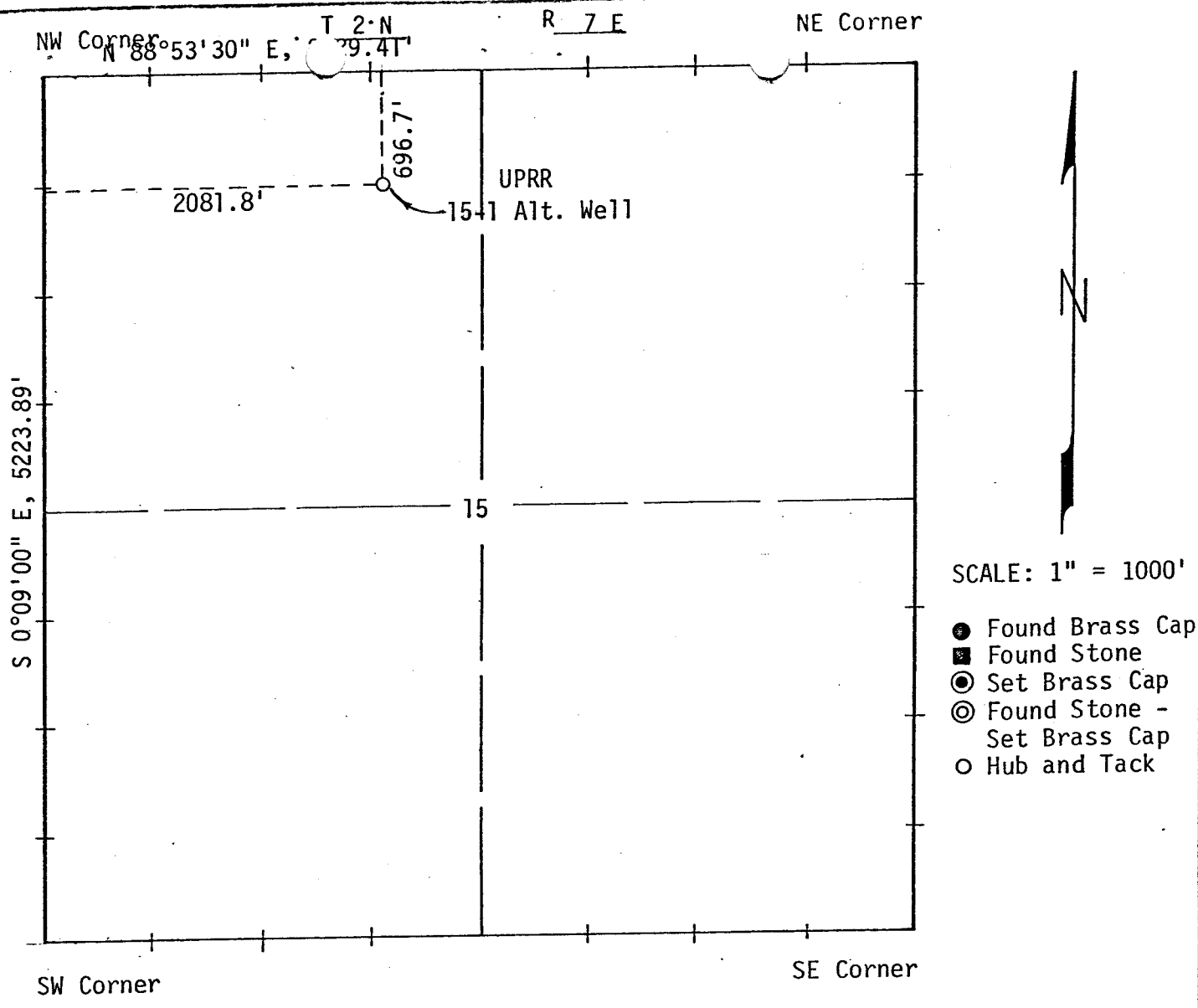
Signed: Kary J. Kaltenbacher (Kary J. Kaltenbacher) Title: Division Drilling Engineer Date: 10/6/78

(This space for Federal or State office use)

Permit No. ..... Approval Date .....

Approved by ..... Title ..... Date .....
Conditions of approval, if any:

*See Instructions On Reverse Side



I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from Kary Kaltenbacher of Casper, Wyoming for American Quasar Petroleum Company I made a survey on the 12th day of September, 1978 for Location and Elevation of the UPRR 15-1 Alt. Well as shown on the above map, the wellsite is in the NE¼NW¼ of Section 15, Township 2 North, Range 7 East of the Salt Lake Base Meridian, Summit County, State of Utah, Elevation is 7265 Feet top of hub Datum U.S.G.S Quadrangle - Upton, Utah Spot Elev. 7193 NW¼NW¼, Sec. 15, T2N, R7E

Reference point	West 200'	Elev. top of pin	7255.5'
Reference point	East 200'	"	7240.7'
Reference point	South 200'	"	7241.8'
Reference point			

John A. Proffit 9/18/78

JOHN A. PROFFIT UTAH R.L.S. NO. 2860

UINTA ENGINEERING & SURVEYING, INC.
808 MAIN STREET, EVANSTON, WYOMING

DATE: 9-18-78
JOB NO.: 78-14-21

Form OGC-1a

AMENDED

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN DUPLICATE*
(Other instructions on reverse side)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. Lease Designation and Serial No.: Fee - Pooled

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

1a. Type of Work: DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. Type of Well: Oil Well ☒ Gas Well ☐ Other — Single Zone ☐ Multiple Zone ☒

8. Farm or Lease Name: UPRR

2. Name of Operator: American Quasar Petroleum Co.

9. Well No.: 15-1

3. Address of Operator: 204 Superior Bldg., Casper, Wyoming 82601

10. Field and Pool, or Wildcat: Wildcat

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface: 2081.8' FWL & 696.7' FNL
At proposed prod. zone: Same

11. Sec., T., R., M., or Blk. and Survey or Area: 15-2N-7E

14. Distance in miles and direction from nearest town or post office*: 8 miles SE of Upton, Utah

12. County: Summit 13. State: Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any): 547.61'

16. No. of acres in lease: Pooled

17. No. of acres assigned to this well: 80.00

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.: None

19. Proposed depth: 10,500'

20. Rotary or cable tools: Rotary

21. Elevations (Show whether DF, RT, GR, etc.): 7265' GR

22. Approx. date work will start*: 11/1/78

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17½"	13-3/8"	48#	60'	60 sx (to surface)
12¼"	9-5/8"	36#	2,000'	1000 sx (to surface)
8-3/4"	7"	17#	10,500'	1000 sx

Proposed operations:

Drill 12¼" hole to 2,000'±, using native mud.
Run and cement 9-5/8" surface casing.
Nipple up 10" 5000 psi wp doublegate hydraulic BOP & Hydril. Pressure-test stack.
Drill 8-3/4" hole to total depth with low solids non-disp.
Run BHC Sonic-GR-Cal, DIL, CNL-FDC Logs.
Run production casing if required.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: Oct. 16, 1978
BY: Cleon B. Feight

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

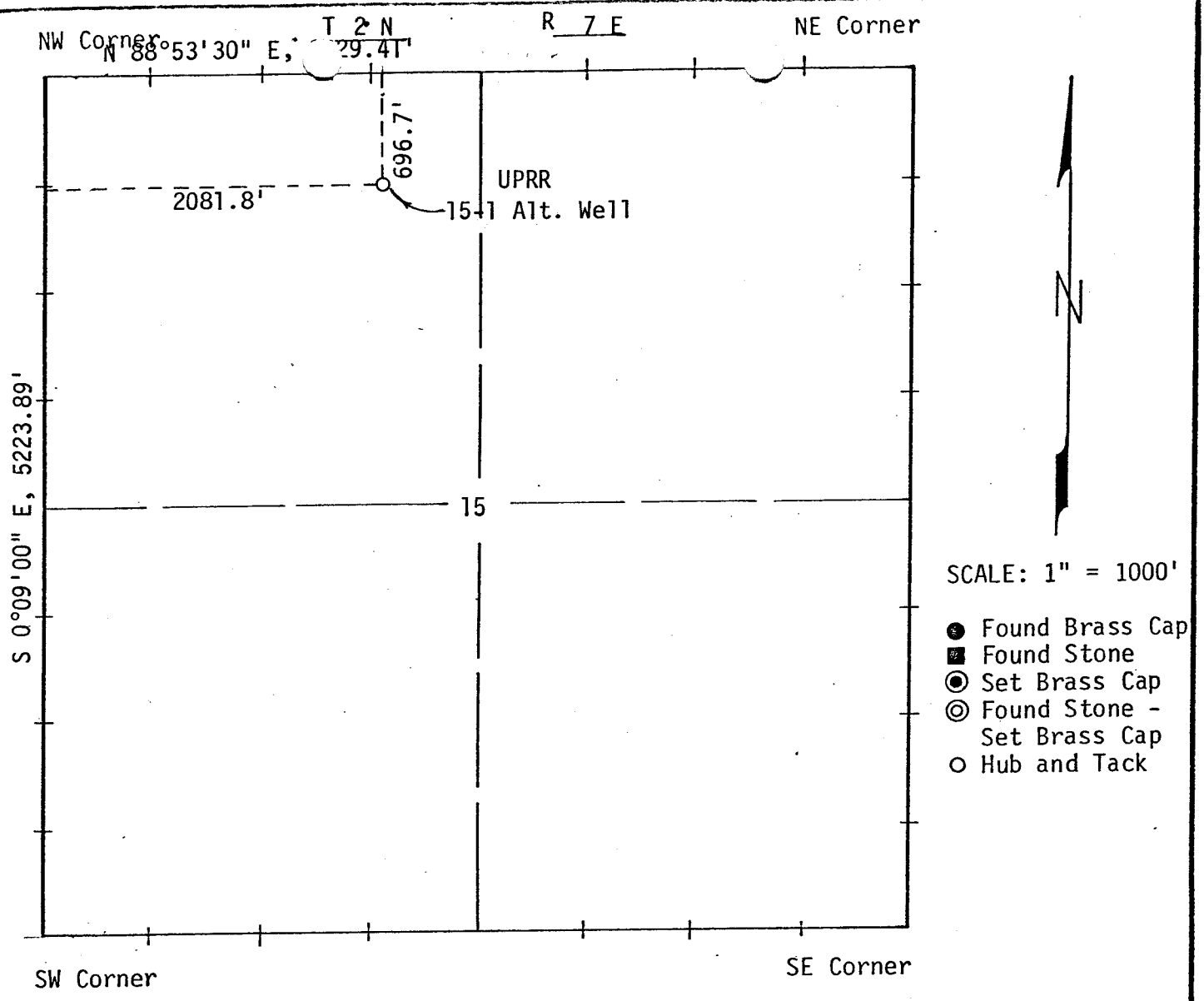
Signed: Kary J. Kaltenbacher Title: Division Drilling Engineer Date: 10/6/78
Kary J. Kaltenbacher

(This space for Federal or State office use)

Permit No. ..... Approval Date .....

Approved by ..... Title ..... Date .....
Conditions of approval, if any:

*See Instructions On Reverse Side



I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from Kary Kaltenbacher of Casper, Wyoming for American Quasar Petroleum Company I made a survey on the 12th day of September, 1978 for Location and Elevation of the UPRR 15-1 Alt. Well as shown on the above map, the wellsite is in the NE¼NW¼ of Section 15, Township 2 North, Range 7 East of the Salt Lake Base Meridian, Summit County, State of Utah, Elevation is 7265 Feet top of hub Datum U.S.G.S Quadrangle - Upton, Utah Spot Elev. 7193 NW¼NW¼, Sec. 15, T2N, R7E

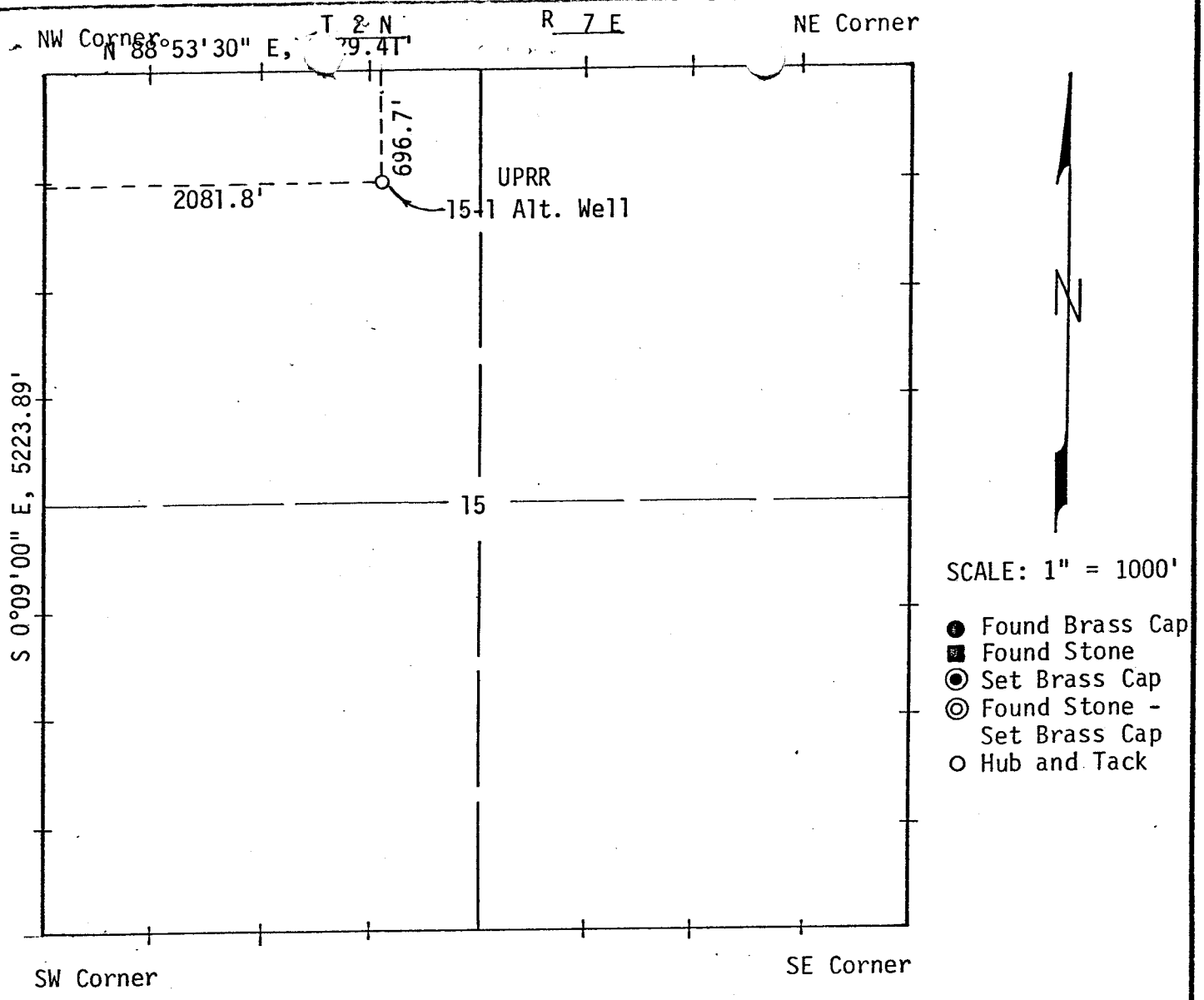
Reference point	West 200'	Elev. top of pin	7255.5'
Reference point	East 200'	"	7240.7'
Reference point	South 200'	"	7241.8'
Reference point			

John A. Proffit 9/18/78

JOHN A. PROFFIT UTAH R.L.S. NO. 2860

DATE: 9-18-78
JOB NO.: 78-14-21

UINTA ENGINEERING & SURVEYING, INC.
808 MAIN STREET, EVANSTON, WYOMING



I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from Kary Kaltenbacher of Casper, Wyoming for American Quasar Petroleum Company I made a survey on the 12th day of September, 1978 for Location and Elevation of the UPRR 15-1 Alt. Well as shown on the above map, the wellsite is in the NE¼NW¼ of Section 15, Township 2 North, Range 7 East of the Salt Lake Base Meridian, Summit County, State of Utah, Elevation is 7265 Feet top of hub Datum U.S.G.S Quadrangle - Upton, Utah Spot Elev. 7193 NW¼NW¼, Sec. 15, T2N, R7E

Reference point	West 200'	Elev. top of pin	7255.5'
Reference point	East 200'	"	7240.7'
Reference point	South 200'	"	7241.8'
Reference point			

John A. Proffit 9/18/78

JOHN A. PROFFIT UTAH R.L.S. NO. 2860

DATE: 9-18-78
JOB NO.: 78-14-21

UINTA ENGINEERING & SURVEYING, INC.
808 MAIN STREET, EVANSTON, WYOMING

August 10, 1981

American Quasar Petroleum Co.
707 United Bank Tower
1700 Broadway
Denver, Colo. 80290

RE: Well No.UPRR #15-1
Sec. 15, T. 2N, R.77E,
Summit County, Utah

Insofar as this office is concerned, approval to convert the above referred to oil well into a water disposal well is hereby granted in a accordance with the order issued in Cause No. 160-14, dated june 26, 1979. However, approval is conditional upon meeting the UIC requirements which will be established by the Board of Oil,Gas and Mining this year.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested ti immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation on completing this form will be appreciated.

Further, it is requested that htis Division be notified within 24 hours after Drilling operations commence, an that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Michael T. Minder
Petroleum Engineer

MTM/db

Form OGC-1b

SUBMIT IN DUPLICATE* (Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: Fee - Pooled

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☐ OTHER (Drilling)

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: American Quasar Petroleum Co.

8. FARM OR LEASE NAME: UPRR

3. ADDRESS OF OPERATOR: 204 Superior Bldg., Casper, Wyoming 82601

9. WELL NO.: 15-1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: NE¼ NW¼

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 15-2N-7E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7265' GR

12. COUNTY OR PARISH: Summit

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Monthly Report of Operations			☒
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

This is a Monthly Report of Operations for period of 2 months (November & December, 1978).

(See attached chronological report.)

18. I hereby certify that the foregoing is true and correct

SIGNED John F. Sindelar TITLE Division Drlg. Supt. DATE 1/10/79

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

12/27/78 49 days - Drlg. in gry sh @ 6018'. Drld. 138' in 20½ hrs. MW 9.1; vis 50; WL 8.4; pH 9.5. Survey: 1-3/4° @ 5988'. Bit #19 has drld. 593' in 70½ hrs. Drlg. wt 28,000#; RPM 70.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

12/28/78 50 days - Drlg. in brn sh @ 6104'. Drld. 86' in 13-3/4 hrs. MW 9.0; vis 48; WL 7.6; pH 9.5. Survey: 2¼° @ 6051'. Pulled bit #19 @ 6067'. Bit drld. 642' in 77¼ hrs. Dull grade 5-5-1/8". Ran bit #20 (8½" Hughes OSC1G - SN KT642). Bit has drld. 37' in 6½ hrs. Drlg. wt 20,000#; RPM 98.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

12/29/78 51 days - Drlg. in sd & ls @ 6199'. Drld. 95' in 14¼ hrs. MW 8.9; vis 57; WL 8.8; pH 9.5. Survey: 2½° @ 6143'. Pulled bit #20 @ 6114'. Bit drld. 47' in 9½ hrs. Dull grade 6-3-I. Ran bit #21 (8½" Smith F2 - SN 807TN). Bit has drld. 85' in 11¼ hrs. Carrying 3 units bgg. Drlg. wt 30,000#; RPM 60.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

12/30/78 52 days - Drlg. in brn sh @ 6397'. Drld. 198' in 22-3/4 hrs. MW 8.8; vis 42; WL 8.4; pH 9.5. Survey: 2¼° @ 6297'. Bit #21 has drld. 283' in 34 hrs. Drlg. wt 30,000#; RPM 60.

12/31 53 days - Drlg. in brh sh & sltstn @ 6503'. Drld. 106' in 22½ hrs. MW 9.0; vis 54; WL 8.0; pH 9.0. Survey: 3¼° @ 6500'. Bit #21 has drld. 389' in 56½ hrs. Drlg. wt 25,000#; RPM 60.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co., Utah
Pineview Prosp.

12/16/78 38 days - Drlg. in sd & sh @ 4230'. Drld. 163' in 22½ hrs. MW 9.0; vis 49; WL 9.0; pH 8.5. Survey: 1¼° @ 4201'. Bit #17 has drld. 677' in 77½ hrs. Drlg. wt 25,000#; RPM 60.

12/17 39 days - Drlg. in sh & sltstn @ 4385'. Drld. 155' in 23 hrs. MW 8.9; vis 48; WL 7.8; pH 11.5. Survey: 1¼° @ 4292'. Bit #17 has drld. 832' in 100½ hrs. Drlg. wt 25,000#; RPM 70.

12/18 40 days - Drlg. in red sh @ 4540'. Drld. 155' in 22½ hrs. MW 9.0; vis 45; WL 10.0; pH 11.0. Survey: 1° @ 4506'. Bit #17 has drld. 987' in 123 hrs. Drlg. wt 30,000#; RPM 65.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co., Utah
Pineview Prosp.

12/19/78 41 days - POH w/bit #17 @ 4684'. Drld. 144' of brn sh in 21½ hrs. MW 9.1; vis 50; WL 8.0; pH 10.5. Survey: 1° @ 4600'. Now pulling bit #17 @ 4684'. Bit drld. 1131' in 144½ hrs.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co., Utah
Pineview Prosp.

12/20/78 42 days - Drlg. in silt, sd & sh @ 4834'. Drld. 150' in 15-3/4 hrs. MW 9.1; vis 48; WL 7.8; pH 9.5. Survey: 3/4° @ 4781'. Fin. pulling bit #17 @ 4684'. Dull grade 4-4-1/8". Ran bit #18 (8½" Smith F2 - SN 404ST). Bit has drld. 150' in 15-3/4 hrs. Drlg. wt 27,000#; RPM 70.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co., Utah
Pineview Prosp.

12/21/78 43 days - Drlg. in sd & sh @ 4995'. Drld 161' in 18½ hrs. MW 9.1, vis 47, WL 7.8, pH 10.0. Survey: 1° @ 4968'. Bit #18 has drld 311' in 33½ hrs. Drlg wt-27,000#; RPM-70.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co., Utah
Pineview Prosp.

12/22/78 44 days - Drlg. in Stump formation @ 5302'. Drld 197' in 22 hrs. MW 9.0, vis 52, WL 7.0, pH 10.5. Survey: 1° @ 5153'. Bit #18 has drld 508' in 56 3/4 hrs. Sample top: Stump @ 5170'. Drlg wt 27,000#; RPM 70.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co., Utah
Pineview Prosp.

12/23/78 45 days - Drlg. in Stump @ 5375'. Drld. 183' in 22-3/4 hrs. MW 9.0; vis 49; WL 8.0; pH 9.0. Surveys: 1/2° @ 5245' & 5338'. Bit #18 has drld. 691' in 79-1/2 hrs. Drlg. wt 27,000#; RPM 70.

12/24 46 days - Drlg. in shale @ 5485'. Drld. 110' in 13 hrs. MW 9.1; vis 52; WL 7.8; pH 9.5. Survey: 3/4° @ 5425'. Pulled bit #18 @ 5425'. Bit drld. 741' in 85-1/2 hrs. Dull grade 4-2-3/8". Ran bit #19 (8-1/2" Smith F2 - SN 228SH). Bit has drld. 60' in 7 hrs. Drlg. wt 20,000#; RPM 60.

12/25 47 days - Drlg. in brn sh @ 5685'. Drld. 200' in 20-1/2 hrs. MW 9.1; vis 51; WL 8.4; pH 9.5. Surveys: 1/2° @ 5523' & 5616'. Bit #19 has drld. 260' in 27-1/2 hrs. Drlg. wt 28,000#; RPM 70.

12/26 48 days - Drlg. in brn & gry sh @ 5880'. Drld. 195' in 22-1/2 hrs. MW 9.2; vis 47; WL 7.6; pH 9.0. Surveys: 3/4° @ 5709'; 1° @ 5801'. Bit #19 has drld. 455' in 50 hrs. Drlg. wt 28,000#; RPM 70.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

12/7/78 29 days - TD 2777'. Thawing out rig. MW 9.2; vis 40; WL 9.0; pH 11.5. Survey: 2° @ 2767'. Dull grade bit #16: 5-5-I. Ran bit #RR15 (8½" Hughes J22 - SN NZ942). TIH to 2200'. Began thawing out mud lines. Now thawing out rig.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

12/8/78 30 days - Drlg. in silt & sh @ 2871'. Drld. 94' in 11 hrs. MW 9.0; vis 45; WL 11.6; pH 11.0. Survey: 2° @ 2837'. Fin. thawing out rig & running bit #RR15 to bottom. Bit has drld. 94' in 11 hrs. Drlg. wt 25,000#; RPM 60. (Temp -28°)

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

12/9/78 31 days - Drlg. in sh @ 3047'. Drld. 176' in 18 hrs. MW 9.1; vis 42; WL 10.2; pH 10.0. Survey: 2° @ 3022'. Bit #RR15 has drld. 270' in 29 hrs. Drlg.wt 25,000#; RPM 55.

12/10 32 days - Drlg. in sh @ 3150'. Drld. 103' in 13 hrs. MW 9.0; vis 40; WL 11.6; pH 9.0. Survey: 2° @ 3113'. Bit #RR15 has drld. 373' in 42 hrs. Had 10½ hrs. rig repair. Drlg. wt 22,000#; RPM 55.

12/11 33 days - Drlg. in brn sh @ 3311'. Drld. 161' in 18¼ hrs. MW 8.9 vis 40; WL 16.0; pH 8.0. Survey: 1° @ 3300'. Bit #RR15 has drld. 534' in 58¼ hrs. Drlg. wt 25,000#; RPM 75.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

12/12/78 34 days - Drlg. in sh & ls @ 3505'. Drld. 194' in 22 hrs. MW 8.9; vis 42; WL 14.2; pH 8.5. Survey: 1½° @ 3488'. Bit #RR15 has drld. 728' in 80¼ hrs. Drlg. wt 25,000#; RPM 65.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

12/13/78 35 days - Drlg. in sh @ 3657'. Drld. 152' in 16½ hrs. MW 9.0; vis 45; WL 16.0; pH 8.5. Survey: 1° @ 3553'. Pulled bit #RR15 @ 3563'. Bit drld. 776' in 92½ hrs. Dull grade 4-2-I. Ran bit #17 (8½" Hughes J22 - SN PM973). Bit has drld. 104' in 11 hrs. Drlg. wt 25,000#; RPM 60.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

12/14/78 36 days - Drlg. in brn sh @ 3870'. Drld. 213' in 21-3/4 hrs. MW 9.0; vis 45; WL 12.2; pH 8.5. Survey: 2½° @ 3829'. Bit #17 has drld. 317' in 32-3/4 hrs. Drlg. wt 25,000#; RPM 60.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

12/15/78 37 days - Drlg. in lm & sh @ 4067'. Drld. 197' in 22 hrs. MW 9.0; vis 47; WL 8.0; pH 8.5.. Survey: 1½° @ 4014'. Bit #17 has drld. 514' in 54-3/4 hrs. Drlg. wt 25,000#; RPM 75.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

11/30/78 22 days - Reaming 8½" hole to 12¼" @ 1920'. Reamed 350' in 21 hrs. MW 9.0; vis 40; WL 20.0; pH 10.5. Fin. running Dipmeter. Ran bit #RR6 (12¼" Hughes J22 - SN NZ366) @ 1570'. Bit has reamed 350' in 21 hrs. Rmg wt 5000#; RPM 80.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co., Utah
Pineview Prosp.

12/1/78 23 days - Reaming 8½" hole to 12¼" @ 2206'. Reamed 286' in 17 3/4 hrs. MW 9.2, vis 49, WL 18.4, pH 10.5. Survey: 4½° @ 2052'. Bit #RR6 has drld 636' in 38 3/4 hrs. Rmg wt-10,000#; RPM-80. Will set pipe @ 2210'.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

12/2/78 24 days - TD 2727'; csg. depth 2238'. Reamed 47' of 8½" hole to 12¼" hole. Circ. to bottom. Pulled bit #RR6 @ 2253'. Bit reamed 683' in 39½ hrs. Dull grade 4-4-I. Ran 9-5/8" csg. Now circ. to bottom.

12/3 25 days - TD 2727'; csg. depth 2238'. WOC. MW 9.2; vis 49; WL 13.2; pH 8.5. Ran 9-5/8" csg. as follows from bottom up:

20 jts 43.5# used csg.	830.06'
35 jts 40# used csg.	1406.92'
Guide shoe	1.50'
Differential fill	1.60'
Total:	2240.08

Landed @ 2238' KB. Cemented w/750 sx Howco Light, 10#/sk gilsonite, ¼#/sk flocele & 2% CaCl, followed by 350 sx Class "G", ¼#/sk Flocele & 2% CaCl. Lost ret's while cementing. Cmt. did not circ. Ran 180' of 1" pipe in annulus. Cemented w/170 sx Class "G". Cmt. circulated. Now WOC.

12/4 26 days - TD 2727'; csg. depth 2238'. TIH w/bit to drill cmt. MW 8.9; vis 47; WL 13.6; pH 8.5. Installed wellhead. NU BOPE. Pressure-tested stack & manifold to 3000 psi; hydril would not pressure-test. Will TIH, drill cmt. & install new hydril bladder. Now running bit #16 (8½" Hughes OSC1GJ - SN KT911).

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

12/5/78 27 days - TD 2727'. Repairing Hydril. Drld. cmt. to 2255'. Ran CBL. TIH. Tested Hydril. Hydril would not hold pressure. Now replacing Hydril bladder.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

12/6/78 28 days - TD 2777'. Drld. 50' of sd & sh in 8½ hrs. On bank w/bit #16. MW 8.9; vis 42; WL 21.0; pH 11.0. Installed hydril bladder. Ran bit #16 (8½" Hughes OSC1G - SN KT911) @ 2727'. Pulled bit #16 @ 2777'. Bit drld. 50' in 8½ hrs. Washed & reamed on trip in 2255-2727'. POH. Pressure-tested hydril. Now out of hole w/bit #16 @ 2777'.

Correction to 9-5/8" csg. report of 12/3/78 -
Ran csg. as follows from bottom up:

20 jts 43.5# used csg.	830.06'
35 jts 40# used csg.	1441.13'
	2271.19'
Differential shoe	1.50'
Float collar	2.60
Total csg. string:	2275.29'

Set @ 2253' KB.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

11/22/78 14 days - Drlg. in cgl @ 1754'. Drld. 57' in 18 hrs. MW 8.9; vis 44; WL 24.0; pH 12.0. Survey: 5° @ 1733'. Pulled bit #8 @ 1706'. Bit drld. 52' in 10½ hrs. Dull grade 4-2-I. Ran bit #9 (8½" Smith F2 - SN 018PJ). Bit has drld. 48' in 16 hrs. Running pendulum w/2000# & 120 RPM.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co., Utah
Pineview Prospect

11/23/78 15 days - Drlg. in brn sh, sltstn & cglt @ 1824'. Drld. 70' in 23 hrs. MW 8.9; vis 40; WL 27.0; pH 11.5. Survey: 5° @ 1794'. Bit #9 has drld. 118' in 39 hrs. Drlg. wt 2000#; RPM 120.

11/24 16 days - Drlg. in gry sh, slt, sd & chert @ 1928'. Drld. 94' in 17-1/4 hrs. MW 9.0; vis 42; WL 25.0; pH 10.5. Survey: 5° @ 1888'. Pulled bit #9 @ 1831'. Bit drld. 125' in 42-1/4 hrs. Dull grade: 4-4-1/8". Ran bit #10 (8-1/2" Hughes OSC1G - SN DX512). Bit has drld. 87' in 14 hrs. Frontier sample top: 1795'. Drlg. wt 3000#; RPM 120.

11/25 17 days - Drlg. in sd & sh @ 2073'. Drld. 155' in 19-1/4 hrs. MW 8.9; vis 40; WL 24.0; pH 9.5. Survey: 4-1/2° @ 2013'. Pulled bit #10 @ 1923'. Bit drld. 92' in 14-3/4 hrs. Dull grade 4-4-I. Ran bit #11 (8-1/2" Hughes OSC1GJ - SN HX279). Bit has drld. 150' in 18-1/2 hrs. Drlg. wt 6000#; RPM 100.

11/26 18 days - Drlg. in red & gry sh & cglt @ 2209'. Drld. 136' in 14-1/2 hrs. MW 8.9; vis 42; WL 23.0; pH 9.5. Survey: 3-3/4° @ 2194'. Pulled bit #11 @ 2074'. Bit drld. 151' in 19 hrs. Dull grade 4-4-1/16". Ran bit #12 (8-1/2" Hughes OSC1GJ - SN HX278). Pulled bit #12 @ 2194'. Bit drld. 120' in 12 hrs. Dull grade 8-4-1/16". Ran bit #13 (8-1/2" Hughes OSC1G - SN JW144). Bit has drld. 15' in 2 hrs. Drlg. wt 10,000#; RPM 100.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

11/27/78 19 days - Drlg. in brn & lavender sh @ 2348'. Drld. 139' in 13-3/4 hrs. MW 9.0; vis 41; WL 20.0; pH 9.5. Survey: 4° @ 2291'. Pulled bit #13 @ 2294'. Bit drld. 100' in 12 hrs. Dull grade 2-4-I. Ran bit #14 (8½" Hughes J3 - SN PM586). Bit has drld. 54' in 4 hrs. Drlg. wt 12,000#; RPM 100.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

11/28/78 20 days - Drlg. in sd & sh @ 2552'. Drld. 204' in 16 hrs. MW 9.0; vis 42; WL 20.2; pH 9.5; Survey: 3½° @ 2482'. Pulled bit #14 @ 2472'. Bit drld. 178' in 11¼ hrs. Dull grade 6-2-1/8". Ran bit #15 (8½" Hughes J22 - SN NZ942). Bit has drld. 80' in 7½ hrs. Drlg. wt 20,000#; RPM 60.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

11/29/78 21 days - TD 2727'. Drld. 175' of sd & sh in 14½ hrs. Running Dipmeter. MW 9.0; vis 52; WL 21.0; pH 9.5. Survey: 2¼° @ 2669'. Pulled bit #15 @ 2727' to run logs. Bit drld. 265' in 22 hrs. Dull grade 1-1-I. Will rerun. Ran Sonic-GR w/caliper 2726-62'. Now running Dipmeter.

UPRR #15-1
(10,500' TC-Nugget-dev)
Summit Co.,Utah
Pineview Prosp.

11/14/78 6 days - TD 1285'. Drld. 6' of cglt in ½ hr. TIH w/DST #2. MW 9.0; vis 42; WL 13.8; pH 8.0. Fin. pulling bit #4 @ 1279'. Dull grade 8-8-½". Ran bit #5 (12¼" Smith F2 - SN 758PA). Circ. & cond. hole. Pulled bit #5 @ 1285' for DST#1. Bit drld. 6' in ½ hr. Ran DST #1 - 1135-1285'. Pkrs. failed immediately. POH. Now TIH w/DST #2 to test 1150-1285'.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

11/15/78 7 days - Drlg. in cglt @ 1453'. Drld. 168' in 12¼ hrs. MW 9.1; vis 53; WL 8.0; pH 9.0. Survey: 2¼° @ 1440'. Fin. TIH w/DST #2 - 1150-1285'. Pkrs failed. POH. Ran bit #5 (12¼" Smith F2 - SN 758PA) @ 1285'. Bit has drld. 168' in 12¼ hrs. Drlg. wt 20,000#; RPM 100.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

11/16/78 8 days - Drlg. in cglt @ 1595'. Drld. 142' in 18-3/4 hrs. MW 9.1; vis 40; WL 10.2; pH 8.0. Survey: 2-3/4° @ 1532'. Bit #5 has drld. 310' in 31 hrs. Lost 200 bbls. mud @ 1482'; 150 bbls. @ 1585'. Drlg. wt 5000#; RPM 120.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

11/17/78 9 days - TD 1736'. Drld. 141' cglt in 15-3/4 hrs. WO overshot. MW 9.1; vis 40; WL 18.8; pH 8.0. Surveys: 2° @ 1655'; 4° @ 1718'. Bit #5 has drld. 451' in 46-3/4 hrs. Twisted off pin on IBS while drlg. @ 1736'. Due to deviation change, will PB after rec. fish.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

11/18/78 10 days - TD 1736'. LD fish. MW 9.2; vis 46; WL 17.8; pH 8.0. Ran overshot 3 times; rec. fish on 3rd run. Now LD fish.

11/19 11 days - PBTD 1679'. POH prep to re-plug. MW 9.0; vis 47; WL 19.2; pH 11.0. Fin. LD fish. Dull grade bit #5: 6-2-I. TIH. Set 90-sk plug 1736-1500'. WOC 12 hrs. TIH. Found cmt. soft. WOC 6 addtl. hrs. Cmt. had not set. Now washing to bottom prep to re-plug.

11/20 12 days - PBTD 1579'. Drlg. cmt. MW 9.0; vis 50; WL 17.0; pH 8.5. Re-plugged w/125 sx Class "G" w/20#/sk sd & 2% CaCl. POH. PU bit #7 (8½" Sec. DMJ - SN 815301). TIH. Found top of cmt. @ 1579'. Now drlg. solid cmt. @ 1600'.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

11/21/78 13 days - Drlg. in cglt @ 1697'. Drld. 97' in 18-3/4 hrs. MW 8.9; vis 40; WL 20.6; pH 11.0. Kicked off cmt plug @ 1600'. Drlg. 100% formation @ 1610'. Deviations: 2° @ 1610'; 3° @ 1638'; 3-3/4° @ 1652'; 4° @ 1690'. Pulled bit #7 @ 1654'. Bit drld. 69' in 11-3/4 hrs. Dull grade 5-2-I. Ran bit #8 (8½" Sec. DMJ - SN 815164). Bit has drld. 43' in 8½ hrs. Drlg. wt 3000#; RPM 120.

UPRR #15-1
(10,500' TC-Nugget-devel)
Summit Co.,Utah
Pineview Prosp.

11/5/78 FIRST REPORT: Staked loc. in the NE¼ NW¼ of Sec. 15-2N-7E. Elevation: 7265' GR. Drlg. contractor: Parker Drilling Co. - Rig #56. Set 56' of 13-3/8" conductor w/5 yds. ready-mix w/Bill, Jr's Rat Hole Drlg. Now MIRT.
11/6 RURT.

UPRR #15-1
(10,500' TC-Nugget-devel)
Summit Co.,Utah
Pineview Prosp.

11/7/78 RURT.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

11/8/78 RURT. Elevations: 7248' GL; 7264' KB.

UPRR #15-1
(10,500' TC-Nugg-devel)
Summit Co.,Utah
Pineview Prosp.

11/9/78 Day #1 - Drlg. in sd & sh @ 506'. Drld. 434' in 18 hrs. MW 8.9; vis 45; WL 32.0; pH 8.0. Survey: 3/4° @ 448'. Ran bit #1 (12¼" Hughes OSC1GJ - SN HH861) @ 72'. Bit has drld. 434' in 18 hrs. Spudded @ 8:00 AM 11/8/78. Drlg. wt 5000#; RPM 112.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

11/10/78 2 days - Drlg. in sh @ 730'. Drld. 224' in 17½ hrs. MW 9.1; vis 45; WL 16.8; pH 8.0. Survey: 1° @ 696'. Pulled bit #1 @ 518'. Bit drld. 446' in 18¼ hrs. Dull grade 4-2-I. Ran bit #2 (12¼" Smith DG - SN 244RZ). Bit has drld. 212' in 17¼ hrs. Drlg.wt 22,000#; RPM 112.

UPRR #15-1
(10,500' TC-Nugget-dev)
Summit Co.,Utah
Pineview Prosp.

11/11/78 3 days - Drlg. in sh & ss @ 1106'. Drld. 376' in 17-3/4 hrs. MW 9.2; vis 41; WL 13.2; pH 8.0. Survey: 1¼° @ 1057'. Pulled bit #2 @ 735'. Bit drld. 216' in 17½ hrs. Dull grade 4-4-I. Ran bit #3 (12¼" Sec. S3 - SN 828410). Bit has drld. 372' in 17½ hrs. Drlg. wt 18,000#; RPM 98.
11/12 4 days - TD 1171'. Drld. 65' in 3-3/4 hrs. Mixing LCM. MW 8.9; vis 38; WL 18.0; pH 8.5. Survey: 1° @ 1161'. Pulled bit #3 @ 1118'. Bit drld. 384' in 19 hrs. Dull grade 4-4-I. Ran bit #4 (12¼" Hughes OSC1G - SN TH287). Bit has drld. 53' in 2¼ hrs. Lost complete ret's @ 1171'. Have lost approx. 400 bbls. Now mixing mud & LCM.
11/13 5 days - POH w/bit #4 @ 1279'. Drld. 108' of cglt in 14-3/4 hrs. MW 8.9;vis 39; WL 16.2; pH 8.0. Survey: 1-3/4° @ 1222'. Had 35-unit gas increase @ 1171' after regaining circ. Lost total of 550 bbls. drlg. mud. Now pulling bit #4 @ 1279'. Bit drld. 158' in 17-3/4 hrs. Will TIH & circ. & cond. hole for DST #1 - 1135-1279'.

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER (Drilling)

2. NAME OF OPERATOR: American Quasar Petroleum Co.

3. ADDRESS OF OPERATOR: 204 Superior Bldg., Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: NE¼ NW¼

5. LEASE DESIGNATION AND SERIAL NO.: Fee - Pooled

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: UPRR

9. WELL NO.: 15-1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 15-2N-7E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7265' GR

12. COUNTY OR PARISH: Summit

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Monthly Report of Operations			X
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

This is a Monthly Report of Operations for period 1/1-31/79
(see attached chronological report).

18. I hereby certify that the foregoing is true and correct

SIGNED John F. Sindelar TITLE Division Drlg. Supt. DATE 1/31/79

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

1/1/79 54 days - Drlg. in sh, ss & chert @ 6640'. Drld. 137' in 22-3/4 hrs. MW 8.9; vis 47; WL 8.2; pH 9.5. Survey: 3-3/4° @ 6607'. Bit #21 has drld. 526' in 79¼ hrs. Drlg. wt 25,000#; RPM 60.

1/2 55 days - Drlg. in sd, sh & chert @ 6733'. Drld. 93' in 11 hrs. MW 9.0; vis 51; WL 6.8; pH 9.0. Survey: 4° @ 6702'. Pulled bit #21 @ 6655'. Bit drld. 541' in 83¾ hrs. Dull grade 8-4-1/8". Ran bit #22 (8½" Hughes J33 - SN PC357). Bit has drld. 78' in 7 hrs. Drlg. wt 30,000#; RPM 65.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co., Utah
Pineview Prosp.

1/3/79 56 days - Drlg. in sd, sh & chert @ 6904'. Drld. 171' in 21-3/4 hrs. MW 8.9; vis 56; WL 10.0; pH 9.5. Survey: 4½° @ 6890'. Bit #22 has drld. 249' in 28-3/4 hrs. Drlg. wt 25,000#; RPM 65.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co., Utah
Pineview Prosp.

1/4/79 57 days - Drlg. in Stump sh @ 6951'. Drld. 47' in 9½ hrs. MW 8.8; vis 52; WL 8.6; pH 9.5. Pulled bit #22 @ 6916'. Bit drld. 261' in 31½ hrs. Dull grade 4-3-I. Ran bit #23 (8½" Hughes J33 - SN HD014). Bit has drld. 35' in 6½ hrs. Drlg. wt 25,000#; RPM 60.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

1/5/79 58 days - Drlg. in sh, lm & ss @ 7082'. Drld. 131' in 21¼ hrs. MW 8.9; vis 57; WL 8.8; pH 9.5. Survey: 4° @ 7009'. Bit #23 has drld. 166' in 27-3/4 hrs. Drlg. wt 25,000#; RPM 70.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

1/6/79 59 days - Drlg. in sh & ss @ 7229'. Drld. 147' in 22¼ hrs. MW 8.9; vis 57; WL 8.0; pH 10.0. Survey: 4-3/4° @ 7196'. Bit #23 has drld. 313' in 50 hrs. Drlg. wt 25,000#; RPM 70.

1/7 60 days - Drlg. in sh, sd & ls @ 7400'. Drld. 171' in 21½ hrs. MW 8.9; vis 56; WL 7.6; pH 10.5. Survey: 4¼° @ 7381'. Bit #23 has drld. 484' in 71½ hrs. Drlg. wt 25,000#; RPM 70.

1/8 61 days - Drlg. in sh, chert & ls @ 7532'. Drld. 132' in 22-3/4 hrs. MW 9.0; vis 53; WL 7.8; pH 10.0. Survey: 3-3/4° @ 7506'. Bit #23 has drld. 616' in 94¼ hrs. Drlg. wt 25,000#; RPM 70.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

1/9/79 62 days - Drlg. in sh, sltstn & ls @ 7680'. Drld. 148' in 22½ hrs. MW 8.8; vis 48; WL 7.8; pH 10.5. Survey: 3½° @ 7630'. Bit #23 has drld. 764' in 116-3/4 hrs. Drlg. wt 25,000#; RPM 70.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

1/10/79 63 days - POH w/bit #23 @ 7850'. Drld. 170' of Stump in 17-3/4 hrs. MW 9.0; vis 50; WL 8.0; pH 10.0. Survey: 3° @ 7815'. Now pulling bit #23 @ 7850'. Bit drld. 934' in 134½ hrs.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

1/11/79 64 days - Drlg. in sh & chert @ 7872'. Drld. 22' in 4¼ hrs. MW 9.1; vis 48; WL 7.8; pH 10.0. Survey: 3¾° @ 7850'. Fin. pulling bit #23 @ 7850'. Dull grade 8-8-½". PU new 6-pt reamer. Ran bit #24 (8½" Smith F3 - SN 243NH). Bit has drld. 22' in 4¼ hrs. Drlg. wt 25,000#; RPM 60.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

1/12/79 65 days - Drlg. in Stump @ 7985'. Drld. 113' in 22 hrs. MW 8.8; vis 50; WL 7.8; pH 10.0. Surveys: 3½° @ 7895'; 4¼° @ 7958'. Bit #24 has drld. 135' in 26¼ hrs. Drlg. wt 30-35,000#; RPM 60.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

1/13/79 66 days - Drlg. in Stump @ 8011'. Drld. 26' in 10½ hrs. MW 9.1; vis 52; WL 8.2; pH 10.0. Survey: 4-3/4° @ 8004'. Pulled bit #24 @ 8004'. Bit drld. 154' in 30-3/4 hrs. Dull grade 4-4-1/8". Ran bit #25 (8½" Hughes J22 - SN NP160). Bit has drld. 7' in 6 hrs. Drlg. wt 35-45,000#; RPM 70.

1/14 67 days - Drlg. in Stump @ 8143'. Drld. 132' in 22½ hrs. MW 9.1; vis 54; WL 7.8; pH 10.5. Surveys: 4-3/4° @ 8029'; 5° @ 8094'. Bit #25 has drld. 139' in 28½ hrs. Drlg. wt 35,000#; RPM 70.

1/15 68 days - TD 8143'. TIH w/mill. MW 8.8; vis 51; WL 8.0; pH 10.5. Survey: 5¼° @ 8143'. Pulled bit #25 @ 8143'. Bit drld. 139' in 28½ hrs. All cones & shanks missing. PU 8" Tri-State magnet. TIH to 7890'. Hit bridge; could not work thru bridge. POH. PU 8-3/8" FB mill w/junk basket. TIH. Washed & reamed 7890-7920'. Now on bottom w/mill.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

1/16/79 69 days - TD 8143'. TIH w/magnet. MW 9.1; vis 54; WL 8.0; pH 10.5. Milled on cones. Broke up cones. POH. Rec. numerous pieces in junk basket. Now TIH w/7-5/8" magnet.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

1/17/79 70 days - TD 8143'. Repairing rig. MW 9.0; vis 50; WL 7.8; pH 10.5. TIH to 4198'. Dropped blocks. RU swivel & Chicsan jts. Now circ. drill string while LD DP out of damaged board & repairing rig. (No one injured.)

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

1/18/79 71 days - TD 8143'. PU DP. Repaired board; strung up new blocks; ck'd rotary beams etc. Now PU DP--lack 67 jts being on bottom.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

1/19/79 72 days - TD 8151'. Milled 8' w/junk mill. PU BHA. MW 8.9; vis 50; WL 8.0; pH 10.5. Washed to bottom w/mill #2. Milled on junk 8143-51'--8' in 8 hrs. POH. Now PU BHA.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

1/20/79 73 days - TD 8151'. Washing to bottom @ 3470'. MW 9.2; vis 51; WL 8.4; pH 10.0. Ran bit #26 (8½" Reed S31GJ - SN 837624). Hit bridge @ 2930'. Now washing to bottom @ 3470'.

1/21 74 days - Drlg. in sd & sh @ 8164'. Drld. 13' in 4-3/4 hrs. MW 9.3; vis 51; WL 6.4; pH 10.0. Reamed 3470-3500'. TIH. Washed & reamed last 200' to bottom. Pulled bit #26 @ 8164'. Bit drld. 13' in 4-3/4 hrs. Dull grade 4-3-I. Ran bit #27 (8½" Hughes J33 - SN LC804). Now on bottom.

1/22 75 days - Drlg. in sh & sltstn @ 8253'. Drld. 89' in 23 hrs. MW 9.3; vis 49; WL 7.4; pH 10.0. Survey: 5½° @ 8222'. Bit #27 has drld. 89' in 23 hrs. Drlg. wt 35,000#; RPM 60.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

1/23/79 76 days - Drlg. in Preuss @ 8369'. Drld. 116' in 23 hrs. MW 9.3; vis 49; WL 6.2; pH 10.0. Survey: 6° @ 8308'. Bit #27 has drld. 205' in 46½ hrs. Preuss sample top: 8140'. Drlg. wt 35,000#; RPM 60.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

1/24/79 77 days - Drlg. in Preuss @ 8482'. Drld. 113' in 23 hrs. MW 9.3; vis 49; WL 6.4; pH 10.0. Survey: 6° @ 8372'. Bit #27 has drld. 318' in 69½ hrs. Drlg. wt 35,000#; RPM 60.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

1/25/79 78 days - Drlg. in brn-tan sltstn @ 8597'. Drld. 115' in 23 hrs. MW 9.4; vis 64; WL 7.2; pH 11.0. Survey: 6° @ 8465'. Bit #27 has drld. 433' in 92½ hrs. Drlg. wt 35,000#; RPM 60.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

1/26/79 79 days - TIH w/bit #28 @ 8600'. Drld. 3' in 1¼ hr. MW 9.2; vis 47; WL 7.4; pH 11.0. Survey: 6° @ 8600'. Pulled bit #27 @ 8600'. Bit drld. 436' in 93-3/4 hrs. Dull grade 4-8-I. Magnafluxed DC's; changed out BHA & 8 DC's.

Thawed stand pipe. TIH w/bit #28 (8½" Smith F3 - SN 687TP). Now washing to bottom.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

1/27/79 80 days - Drlg. in brn sltstn @ 8696'. Drld. 96' in 20-3/4 hrs. MW 9.4; vis 45; WL 7.8; pH 11.0. Fin. running bit #28 @ 8600'. Bit has drld. 96' in 20-3/4 hrs. Drlg. wt 25,000#; RPM 70.

1/28 81 days - Drlg. in sh @ 8787'. Drld. 91' in 21¼ hrs. MW 9.4; vis 50; WL 8.0; pH 10.5. Survey: 6½° @ 8747'. Bit #28 has drld. 187' in 42 hrs. Drlg. wt 30,000#; RPM 70.

1/29 82 days - Drlg. in brn sh @ 8879'. Drld. 92' in 22¼ hrs. MW 9.5; vis 49; WL 7.6; pH 12.0. Survey: 6° @ 8808'. Bit #28 has drld. 279' in 66-3/4 hrs. Drlg. wt 30,000#; RPM 70.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

1/30/79 83 days - TD 8914'. Drld. 35' in 7¼ hrs. Thawing out mud lines. MW 9.4; vis 48; WL 7.2; pH 11.0. Survey: 6° @ 8865'. Pulled bit #28 @ 8914'. Bit drld. 314' in 73½ hrs. Dull grade 5-5-1/8". Ran bit #29 (8½" Hughes J22 - SN PW960). Now on bottom @ 8914' thawing mud lines.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

1/31/79 84 days - Drlg. in Preuss @ 8983'. Drld. 69' in 20¼ hrs. MW 9.4; vis 50; WL 7.2; pH 10.0. Survey: 6° @ 8927'. Fin. running bit #29 @ 8914'. Bit has drld. 69' in 20¼ hrs. Drlg.wt30,000#; RPM 70.

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER (Drilling)

2. NAME OF OPERATOR: American Quasar Petroleum Co.

3. ADDRESS OF OPERATOR: 204 Superior Bldg., Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: NE¼ NW¼

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: UPRR

9. WELL NO.: 15-1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 15-2N-7E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7265' GR

12. COUNTY OR PARISH: Summit

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Monthly Report of Operations			X
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

This is a Monthly Report of Operations for period 2/1-28/79
(see attached chronological report).

18. I hereby certify that the foregoing is true and correct

SIGNED John F. Sindelar TITLE Division Drlg. Supt. DATE 2/28/79

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

2/22/79 106 days - TD 10,381'. Drld. 58' of salt & shale in 3½ hrs. Magnafluxing DC's. MW 9.2; vis 48; WL 7.0; pH 10.5. Dropped blocks while making conn. @ 10,381'. Restrung blocks. Repaired dwks. Pulled bit #37 @ 10,381'. Bit drld. 84' in 10 hrs. Bit was pinched. LD 5 jts bent DP. Repaired brakes. Now magnafluxing DC's on trip in w/bit #38 (8½" Smith F3 - SN 053SF). Salt sample top: 10,330'.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co., Utah
Pineview Prosp.

2/23/79 107 days - TD 10,381'. WO Engine parts. MW 9.4; vis 45; WL 6.4; pH 11. Finished magnafluxing DC's, TIH w/bit #38, Engine #2 went out, POH w/#1 engine. Now WO engine parts.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

2/24/79 108 days - TD 10,381'. Reaming @ 9978'. MW 9.1; vis 43; WL 8.0; pH 11.0. Fin. repairing engines. Ran bit #38 (8½" Smith F3 - SN 053SF). Tagged lst bridge @ 9824'. Reamed intermittent bridges 9824-9978'. Now washing & rmg to btm @ 9978'.

2/25 109 days - Drlg. in Preuss salt & sltstn @ 10,523'. Drld. 142' in 20 hrs. MW 9.4; vis 47; WL 11.0; pH 10.0. Survey: 2-3/4° @ 10,466'. Fin. washing to btm w/bit #38. Bit has drld. 142' in 20 hrs. Top of 2nd salt: 10,330'. Drlg. wt 35,000#; RPM 56.

2/26 110 days - Drlg. in Preuss silt & sh @ 10,623'. Drld. 100' in 22 hrs. MW 9.3; vis 47; WL 8.4; pH 10.5. Survey: 3° @ 10,529'. Bit #38 has drld. 242' in 42 hrs. Drlg. wt 35,000#; RPM 56.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

2/27/79 111 days - TD 10,682'. Drld. 59' of gry ls in 12¼ hrs. TIH w/bit #39. MW 9.6; vis 45; WL 5.8; pH 10.5. Survey: 2° @ 10,682'. Pulled bit #38 @ 10,682'. Bit drld. 301' in 54¼ hrs. Dull grade 5-2-1/8". Now TIH w/bit #39 @ 10,682'.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

2/28/79 112 days - TIH w/bit #40 @ 10,690'. Drld. 8' of brn sh in 5½ hrs. MW 9.6; vis 52; WL 5.2; pH 10.5. Fin. TIH w/bit #39 (8½" Smith F3 - SN AB8851) @ 10,682'. Pulled bit #39 @ 10,690'. Bit drld. 8' in 5½ hrs. Dull grade: New. Now running bit #40 (8½" Hughes OWVJ - SN NX553) @ 10,690'.

Form OGC-1b

SUBMIT TRIPLICATE* (Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Drilling

2. NAME OF OPERATOR: American Quasar Petroleum Co.

3. ADDRESS OF OPERATOR: 204 Superior Bldg., Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: NE¼ NW¼

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: UPRR

9. WELL NO.: 15-1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 15-2N-7E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7265' GR

12. COUNTY OR PARISH: Summit

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Monthly Report of Operations			X
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

This is a Monthly Report of Operations for period 3/1-31/79 (see attached chronological report).

18. I hereby certify that the foregoing is true and correct

SIGNED John F. Sindelar TITLE Division Drlg. Supt. DATE 4/2/79

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

3/28/79 140 days - TD 11,697'. Jarring on stuck pipe @ 3266'. MW 9.9; vis 85; WL 3.0; pH 9.5. Encountered tite hole @ 3700'. Worked thru tite hole to 3266'. Stuck drill string @ 3266'. Now jarring & working fish prep to spot oil.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

3/29/79 141 days - TD 11,697'. Pipe stuck @ 3266'. Soaking fish w/oil & EZ-Spot. MW 9.8; vis 90; WL 3.6; pH 9.5. Fin. spotting oil @ 12:30 PM 3/28/79. Now soaking fish.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

3/30/79 142 days - TD 11,697'. Jarring on stuck pipe @ 3266'. MW 10.0; vis 77; WL 4.0; pH 7.0. Displaced oil @ 12:00 noon 3/29/79. Ran freepoint. Found collars stuck @ 3197'. Backed off @ 3137'. Left 4 collars in hole--2 stuck & 2 free. POH. Re-arranged DC's. PU total of 12 DC's & Dailey jars. TIH. Engaged fish. Jarred down 4 hrs, up 3-3/4 hrs--w/no results. Have full circ. Now prep to back off & PU washover pipe.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

3/31/79 143 days - TD 11,697'. TIH w/bit. MW 9.7; vis 85; WL 3.6; pH 10.0. Worked pipe. Jarred on fish. String parted 436' from surf. PU bit #48 (8½" Hughes OSC1GJ - SN HX162). Now TIH looking for top of fish.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co., Utah
Pineview Prosp.

3/20/79 132 days - Drlg. in TC ls @ 11,380'. Drld. 68' in 23 hrs. MW 10.1; vis 79; WL 4.8; pH 10.0. Bit #45 has drld. 97' in 29¼ hrs. Drlg. wt 35,000#; RPM 80.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co., Utah
Pineview Prosp.

3/21/79 133 days - Drlg. in TC ls @ 11,408'. Drld. 28' in 9¼ hrs. MW 10.1; vis 80; WL 4.0; pH 9.5. Pulled bit #45 @ 11,395'. Bit drld. 112' in 34-3/4 hrs. Dull grade 8-4-1/16". Ran bit #46 (8½" Hughes XDG - SN BH399). Bit has drld. 13' in 3-3/4 hrs. Drlg. wt 30,000#; RPM 70.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co., Utah
Pineview Prosp.

3/22/79 134 days - Drlg. in TC ls @ 11,489'. Drld. 81' in 23-3/4 hrs. MW 10.0; vis 79; WL 4.0; pH 9.5. Bit #46 has drld. 94' in 27½ hrs. Carrying 4 units BGG. Drlg. wt 35,000#; RPM 65.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co., Utah
Pineview Prosp.

3/23/79 135 days - TIH w/bit #47 @ 11,523'. Drld. 34' of TC ls in 12 hrs. MW 10.0; vis 80; WL 3.6; pH 10.0. Survey: 5½° @ 11,513'. Pulled bit #46 @ 11,523'. Bit drld. 128' in 39½ hrs. Dull grade 6-4-I. Ran bit #47 (8½" Hughes J22 - SN SP042) @ 11,523'. Carrying 4 units BGG. Now washing to btm.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co., Utah
Pineview Prosp

3/24/79 136 days - Drlg TC ls @ 11,588'. Drld 65' in 22¾ hrs. MW 10.0, vis 78, WL 3.6, pH 10.0. Fin running bit #47 (8½" Hughes J22 - SN SP042) @ 11,523'. Bit has drld 65' in 22¾ hrs. Carrying 4 UN BGG. Drlg wt-18,000#; RPM-80.

3/25/79 137 days - Drlg TC ls @ 11,649'. Drld 61' in 23 3/4 hrs. MW 10.0, vis 78, WL 4.0, pH 9.5. Bit #47 has drld 146' in 46 hrs. Carrying 4 UN BGG. Drlg wt-20,000#; RPM-80.

3/26/79 138 days - Drlg TC ls @ 11,693'. Drld 44' in 23 3/4 hrs. MW 9.9, vis 72, WL 3.6, pH 10.0. Bit #47 has drld 190' in 69 3/4 hrs. Carrying 3 UN BGG. Sample top: Boundary Ridge @ 11,670'. Drlg wt-15,000#; RPM-105.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co., Utah
Pineview Prosp.

3/27/79 139 days - TD 11,697'. Drld. 4' of TC ls in 3-3/4 hrs. Working out of tite hole @ 3700'. MW 9.9; vis 82; WL 3.2; pH 9.5. Started pulling bit #47 @ 11,697' due to high torque. Made 15-stand short trip. Washed to btm. Ran high visc sweep. Started POH. Encountered tite hole cond's @ 6430'. Worked & cond. tite spot. Pulled out to 3730'. Encountered tite spot. Now working tite hole @ 3700'.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

3/10/79 122 days - Drlg. in TC @ 11,046'. Drld. 57' in 23-3/4 hrs. MW 10.0; vis 57; WL 4.6; pH 10.0. Bit #RR42 has drld. 63' in 27-3/4 hrs. Drlg. wt 30,000#; RPM 65.

3/11 123 days - TD 11,072'. Drld. 26' of TC in 13¼ hrs. TOH. MW 9.9; vis 57; WL 3.8; pH 10.0. Pulled bit #RR42 @ 11,072'. Bit drld. 89' in 41 hrs. While POH, worked thru tite hole @ 6420'. Now working pipe @ 3715'.

3/12 124 days - TD 11,072'. Working stuck pipe. MW 10.1; vis 56; WL 3.0; pH 10.0. Worked pipe up to 3680'. Jars quit working. Pipe stuck. Ran freepoint. Found pipe stuck @ 3143'--top of wt pipe. Spotted 80 bbls diesel w/325 gals EZ-Spot 3680-3100'. Oil spotted @ 10:00 PM 3/11/79. Now pumping ½ bbl oil around pipe each half hr & working pipe.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

3/13/79 125 days - TD 11,072'. Rmg in w/bit #44 @ 3976'. MW 10.0; vis 59; WL 3.0; pH 10.5. Spotted oil. Soaked 18 hrs. Fish came loose. POH w/bit #RR42. Dull grade 2-2-I. Ran bit #44 (8½" Hughes X1GJ - SN LN260). Now washing & rmg @ 3976'.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

3/14/79 126 days - Drlg. in ls @ 11,092'. Drld. 20' in 6 hrs. MW 9.9; vis 63; WL 3.0; pH 10.0. Fin. washing & rmg to btm w/bit #44. Reamed intermittently 6612-11,000' on trip in. Bit #44 has drld. 20' in 6 hrs. Drlg. wt 45,000#; RPM 60.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

3/15/79 127 days - Drlg. in TC ls @ 11,173'. Drld. 81' in 24 hrs. MW 10.0; vis 86; WL 3.6; pH 10.0; blown asphalt 4#/bbl; oil content 6%. Bit #44 has drld. 101' in 30 hrs. Drlg. wt 39,000#; RPM 65.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

3/16/79 128 days - TIH w/bit #RR42 @ 11,186'. Drld. 13' of TC in 7 hrs. MW 10.1; vis 81; WL 3.0; pH 10.0. Pulled bit #44 @ 11,186'. Bit drld. 114' in 37 hrs. Dull grade 8-6-1/16". Now running bit #RR42 (8½" Smith F2 - SN AA5668) @ 11,186'. Leeds Crk smpl top: 11,135'.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

3/17/79 129 days - Drlg. in TC ls @ 11,234'. Drld. 48' in 21½ hrs. MW 10.0; vis 80; WL 3.0; pH 10.0. Fin. running bit #RR42 @ 11,186'. Bit has drld. 48' in 21½ hrs. Drlg. wt 39,000#; RPM 70.

3/18 130 days - Drlg. in TC ls @ 11,280'. Drld. 46' in 23½ hrs. MW 10.0; vis 81; WL 3.6; pH 9.0. Bit #RR42 has drld. 94' in 45 hrs. Drlg. wt 25,000#; RPM 80.

3/19 131 days - Drlg. in TC ls @ 11,312'. Drld. 32' in 7¼ hrs. MW 10.0; vis 79; WL 3.0; pH 10.0. Survey: 3° @ 11,270'. Pulled bit #RR42 @ 11,283'. Bit drld. 97' in 46 hrs. Dull grade 3-4-1/16". Ran bit #45 (8½" Hughes X1G - SN WB219). Bit has drld. 29' in 6¼ hrs. Carrying 2 units BGG. Drlg. wt 39,000#; RPM 60.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

3/1/79 113 days - TIH w/bit #41 @ 10,720'. Drld. 30' of TC ls in 8-3/4 hrs. MW 9.6; vis 50; WL 5.0; pH 10.5. Fin. running bit #40 @ 10,690'. Pulled bit #40 @ 10,720'. Bit drld. 30' in 8-3/4 hrs. Dull grade 4-4-I. Now running bit #41 (8½" Hughes J22 - SN RL924) @ 10,720'.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

3/2/79 114 days - Drlg. in TC ls @ 10,791'. Drld. 71' in 21½ hrs. MW 9.8; vis 51; WL 5.0; pH 11.0. Fin. running bit #41 @ 10,720'. Bit has drld. 71' in 21½ hrs. Drlg. wt 30,000#; RPM 60.

UPRR #15-1
(10,500' TC-N-dev)
Summit Co., Utah
Pineview Prosp

3/3/79 115 days - Drlg in TC ls @ 10,879'. Drld 88' in 23 hrs. MW 9.7, vis 48, WL 5.2, pH 10.5. Bit #41 has drld 159' in 44½ hrs. Drlg wt-30,000#; RPM-60.

3/4/79 116 days - TD 10,938'. Repairing derrick footing. Drld 59' of TC ls in 17 3/4 hrs. MW 9.8, vis 51, WL 5.0, pH 11.0. Bit #41 has drld 218' in 62¼ hrs. Sub structure derrick footing gave way. Now repairing substructure.

3/5/79 117 days - TIH w/bit @ 10,983'. Drld 45' of TC ls in 13¼ hrs. MW 9.8, vis 49, WL 4.2, pH 10.5. Pulled bit #41 @ 10,983'. Bit drld 263' in 75½ hrs. Dull grade 4-4-1. Now running bit #42 (8½" Smith F2 - SN AA5668).

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

3/6/79 118 days - TD 10,983'. Reaming @ 3040'. MW 9.9; vis 60; WL 4.4; pH 10.5. While running bit #42, hit bridge @ 2954'. Reamed to 3082'. Pulled bit #42 to PU tooth bit. Ran bit #43 (8½" Sec S4T - SN 518814). Hit bridge @ 2900'. Now reaming @ 3040'.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

3/7/79 119 days - TD 10,983'. Reaming @ 3920'. MW 10.0; vis 63; WL 4.0; pH 11.0. Reamed 3040-3082'. TOH. LD 6-pt & shock sub. Ck'd bit--ok. TIH. Reamed 3082-3430' & 3900-3920'. Now rmg @ 3920'.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

3/8/79 120 days - TD 10,983'. TIH w/bit #RR42. MW 10.0; vis 60; WL 3.8; pH 10.0; oil 2%; blown asphalt 4#/bbl. Reamed 3920-4257'. Hole freed up @ 4257'. TI H 10 stands. Circ. & cond. hole. Mixed 4#/bbl Soltex. Pulled bit #43 @ 5124'. Dull grade 4-4-1/16". Very tite hole conditions 3915-2400'. Now TIH w/bit #RR42 (8½" Smith F2 - SN AA5668).

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

3/9/79 121 days - Drlg. in ls @ 10,989'. Drld. 6' in 4 hrs. MW 9.9; vis 64; WL 4.0; pH 10.0. Fin. TIH w/bit #RR42. Reamed 3700-5300', 6500-6600' & 10,860-10,983'. Bit #RR42 has drld. 6' in 4 hrs. Drlg. wt 30,000#; RPM 65.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

2/1/79 85 days - TIH w/bit #30 @ 9029'. Drld. 46' of sltstn in 17¼ hrs. MW 9.3; vis 39; WL 7.4; pH 10.0. Survey: 6° @ 9029'. Pulled bit #29 @ 9029'. Bit drld. 115' in 37½ hrs. Dull grade 7-5-I. Now running bit #30 (8½" Smith F3 - SN 452SF) @ 9029'.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

2/2/79 86 days - Drlg. in sh & sltstn @ 9162'. Drld. 133' in 19-3/4 hrs. MW 9.3; vis 46; WL 8.0; pH 10.5. Survey: 6° @ 9081'. Fin. running bit #30 @ 9029'. Bit has drld. 133' in 19-3/4 hrs. Drlg. wt 30,000#; RPM 60.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

2/3/79 87 days - Drlg. in brn sh & sltstn @ 9262'. Drld. 100' in 22¼ hrs. MW 9.3; vis 43; WL 8.0; pH 10.5. Survey: 6° @ 9202'. Bit #30 has drld. 233' in 42 hrs. Drlg. wt 30,000#; RPM 60.

2/4 88 days - Drlg. in brn sh & sltstn @ 9309'. Drld. 47' in 12¼ hrs. MW 9.2; vis 42; WL 8.0; pH 10.5. Survey: 6° @ 9264'. Pulled bit #30 @ 9272'. Bit drld. 243' in 45 hrs. Dull grade 5-4-I. Ran bit #31 (8½" Hughes J33 - SN PD836). Bit has drld. 37' in 5-3/4 hrs. Drlg. wt 30,000#; RPM 60.

2/5 89 days - Drlg. in brh sh & sltstn @ 9392'. Drld. 83' in 23 hrs. MW 9.2; vis 44; WL 8.4; pH 10.5. Survey: 6¼° @ 9298'. Bit #31 has drld. 110' in 28-3/4 hrs. Drlg. wt 30,000#; RPM 60.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

2/6/79 90 days - Drlg. in brn sh & sltstn @ 9467'. Drld. 75' in 22 hrs. MW 9.2; vis 42; WL 8.2; pH 10.5. Survey: 5½° @ 9420'. Bit #31 has drld. 185' in 50-3/4 hrs. Drlg. wt 30,000#; RPM 60.

UPRR #15-1
(10,500' TC-N-dev)
Summit Co., Utah
Pineview Prosp.

371.52' N, 27.75' W.
30' off btm.

2/7/79 91 days - TD 9482'. Reaming to btm. CORRECTION TO 2/6/79 REPORT: should have read "Bit #31 has drld 195'." Drld 15' in 4¼ hrs. MW 9.1, vis 40, WL 8.0, pH 11.0. Survey: 5° @ 9482'. Pulled bit #31 @ 9482'. Bit drld 210' in 55¼ hrs. Dull grade 4-5-1. Ran Sperry Sun boss directional survey: correlation- Ran bit #32 (8½" Hughes J33 - SN 047TL) @ 9482'. Now reaming

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UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

2/8/79 92 days - Drlg. in Preuss @ 9567'. Drld. 85' in 21½ hrs. MW 9.1; vis 44; WL 8.4; pH 10.0. Survey: 4½° @ 9513'. Bit #32 has drld. 85' in 21½ hrs. Drlg. wt 30,000#; RPM 70. Correction to 2/7/79 report: Should have read "coordinates" instead of "correlation".

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

2/9/79 93 days - Drlg. in Preuss @ 9665'. Drld. 98' in 22-3/4 hrs. MW 9.1; vis 41; WL 9.0; pH 10.0. Survey: 4° @ 9574'. Bit #32 has drld. 183' in 44½ hrs. Drlg. wt 30,000#; RPM 60.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

2/10/79 94 days - TIH w/bit #33 @ 9700'. Drld. 35' of Preuss in 10½ hrs. MW 9.1; vis 43; WL 9.4; pH 10.0. Survey: 4° @ 9700'. Pulled bit #32 @ 9700'. Bit drld. 218' in 55 hrs. Dull grade 5-4-I. Now running bit #33 (8½" Smith F3 - SN 171RZ) @ 9700'.

Correction to 2/7/79 report: Coordinates should read: 337.26' N - 157.47' W. Closure: 373.12' N 24° 58' W.

2/11 95 days - Drlg. in Preuss @ 9772'. Drld. 72' in 18 hrs. MW 9.4; vis 48; WL 9.6; pH 10.5. Fin. running bit #33 @ 9700'. Bit has drld. 72' in 18 hrs. Drlg. wt 40,000#; RPM 60.

2/12 96 days - Drlg. in Preuss @ 9851'. Drld. 79' in 21¼ hrs. MW 9.1; vis 44; WL 8.8; pH 10.5. Survey: 6° @ 9747'. Bit #33 has drld. 151' in 39¼ hrs. Drlg. wt 30,000#; RPM 65.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

2/13/79 97 days - TD 98[illegible]. Drld. 20' of Preuss sh in 7-3/4 hrs. TIH w/mill. MW 9.2; vis 42; WL 7.8; pH 10.0. Survey: 3° @ 9871'. Pulled bit #33 @ 9871'. Bit drld. 171' in 47 hrs. Lost 3 cones. Now TIH w/8-3/4" Acme FB mill @ 2416'.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

2/14/79 98 days - TD 9871'. Washing to btm. w/bit #34. MW 9.2; vis 45; WL 6.0; pH 10.5. Fin. TIH w/FB mill. Worked on cones. POH. Rec. numerous pieces of junk. Ran bit #34 (8½" Hughes J44 - SN ZN422). Now washing to btm.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

2/15/79 99 days - TD 9904'. Drld. 33' of Preuss sh in 10¼ hrs. Washing to btm w/bit #35. MW 9.1; vis 42; WL 6.0; pH 10.0. Survey: 3° @ 9904'. Pulled bit #34 @ 9904'. Bit drld. 33' in 10¼ hrs. Dull grade 6-2-1/8". Ran bit #35 (8½" Smith F4 - SN AA2330). Now washing to btm.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

2/16/79 100 days - Drlg. in brn shale @ 9947'. Drld. 43' in 11¼ hrs. MW 9.2; vis 40; WL 6.8; pH 10.5. Fin. washing to btm w/bit #35. Bit has drld. 43' in 11¼ hrs. Drlg. wt 35,000#; RPM 55.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

2/17/79 101 days - Drlg. in Preuss sh @ 9991'. Drld. 44' in 11 hrs. MW 9.2; vis 41; WL 7.8; pH 10.5. Survey: 4° @ 9973'. Pulled bit #35 @ 9973'. Bit drld. 69' in 18½ hrs. Dull grade 2-2-I. Ran bit #36 (8½" Hughes J33 - SN TC375). Bit has drld. 18' in 3-3/4 hrs. Drlg. wt 30,000#; RPM 55.

2/18 102 days - Drlg. in Preuss @ 10,084'. Drld. 93' in 23 hrs. MW 9.1; vis 42; WL 6.8; pH 10.5. Survey: 3-3/4° @ 10,031'. Bit #36 has drld. 111' in 26-3/4 hrs. Drlg. wt 35,000#; RPM 60.

2/19 103 days - Drlg. in Preuss @ 10,182'. Drld. 98' in 22 hrs. MW 9.1; vis 45; WL 8.0; pH 10.5. Survey: 3¼° @ 10,091'. Bit #36 has drld. 209' in 48-3/4 hrs. Drlg. wt 35,000#; RPM 60.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

2/20/79 104 days - Drlg. in Preuss @ 10,276'. Drld. 94' in 22 hrs. MW 9.2; vis 43; WL 7.2; pH 10.0. Survey: 3-3/4° @ 10,217'. Bit #36 has drld. 303' in 70-3/4 hrs. Drlg. wt 35,000#; RPM 60.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

2/21/79 105 days - Drlg. in Preuss sh @ 10,323'. Drld. 47' in 12¼ hrs. MW 9.2; vis 44; WL 8.0; pH 10.0. Survey: 3° @ 10,297'. Pulled bit #36 @ 10,297'. Bit drld. 324' in 76¼ hrs. Dull grade 2-4-1/8". Ran bit #37 (8½" Smith F3 - SN AD979). Bit has drld. 26' in 6½ hrs. Drlg. wt 35,000#; RPM 60.

DIVISION OF OIL, GAS, AND MINING

PARTIAL PLUGGING PROGRAM

NAME OF COMPANY: AMERCIAN QUASARYPETROLEMM COMPANY (John Sindlar-265-3362)

WELL NAME: UPRR #15-1

SECTION 15 TOWNSHIP 2N RANGE 7E, COUNTY Summit

VERBAL APPROVAL GIVEN TO PLUG THE ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 12,100'

CASING PROGRAM:

7" at 11,695' KB circulated to surface
5 7/8" open hole 12,100' (tite)
Plan to perforate at 11,590+

FORMATION TOPS:

1,145' Echo Canyon
1,795' Fort Union
2,411' Frontier
2,950' Calvin
5,125' Stump
8,131' Preuss
10,303-450' Salt
10,584' Twin Creek
11,902' Fault
11,950' Bear River

PLUGS SET AS FOLLOWS:

Set easy drill at 11,667' and squeeze
50 sax cement to plug through fault.

DATE April 26, 1979 SIGNED M. J. Minder

Form OGC-1b

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR: American Quasar Petroleum Co.

3. ADDRESS OF OPERATOR: 204 Superior Bldg., Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2051.5' FWL & 666.8' FNL

5. LEASE DESIGNATION AND SERIAL NO.: Fee - Pooled

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: UPRR

9. WELL NO.: 15-1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 15-2N-7E

12. COUNTY OR PARISH: Summit

13. STATE: Utah

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7247' GR

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐				
(Other) Plug back to complete			☒	(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Per verbal approval on April 26, 1979 from Mr. Mike Minder, a cement retainer will be set inside the 7" casing @ 11,667' and a 50-sk cement plug will be squeezed through the retainer.

The casing will be left open for completion.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: 5-9-79
BY: M. J. Minder

18. I hereby certify that the foregoing is true and correct

SIGNED John F. Sheehan TITLE Division Drlg. Supt. DATE 4/26/79

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: Fee - Pooled

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☒ GAS WELL ☐ OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: American Quasar Petroleum Co.

8. FARM OR LEASE NAME: UPRR

3. ADDRESS OF OPERATOR: 204 Superior Bldg., Casper, Wyoming 82601

9. WELL NO.: 15-1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2051.5' FWL & 666.8' FNL

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 15-2N-7E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7247' GR

12. COUNTY OR PARISH: Summit

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Plug back to complete			☒
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Per verbal approval on April 26, 1979 from Mr. Mike Minder, on April 27, 1979 a cement retainer was set inside the 7" casing @ 11,667', and 45 sx of cement was squeezed through the retainer and 5 sx of cement left on top.

The casing was left open for completion.

18. I hereby certify that the foregoing is true and correct

SIGNED John F. Sinclair TITLE Division Drlg. Supt. DATE 4/27/79

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGC-1b

SUBMIT TRIPLICATE* (Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Completion

2. NAME OF OPERATOR: American Quasar Petroleum Co.

3. ADDRESS OF OPERATOR: 204 Superior Bldg., Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: NE¼ NW¼

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: UPRR

9. WELL NO.: 15-1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 15-2N-7E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7265' GR

12. COUNTY OR PARISH: Summit

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Monthly Report of Operations			X
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

This is a Monthly Report of Operations for period 4/1-27/79 (see attached chronological report).

Well now being completed.

18. I hereby certify that the foregoing is true and correct

SIGNED John F. Sindelar TITLE Division Drlg. Supt. DATE 5/7/79

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UPRR #15-1
(10,500' TC-N-dev)
Summit Co., Utah
Pineview Prosp

4/26/79 169 days - TD 12,100'. Repairing rig. MW 8.5, vis 28. Ran DST #3 11,637-12,100' w/no WC. TO 10 min w/wk blow incrsg to medium blow in 8 min; SI 30 min; TO 60 min w/wk blow incrsg to strong in 3 min; began declining after 20 min to v/wk after 40 min; SI 120 min. Pulled DST #3 to rec 200' KCl wtr, 100 ppm nitrates. Bomb depth-11,626'. IHP-5106, IFP-87/109, ISIP-327, FFP-87/87, FSIP-349, FHP-5106; BHT-254° F. Sampler capacity-2240 cc's; rec @ 450 psi-6.072 cuft gas; no oil. Ran gage ring to 11,670'. Set Howco E-Z-SV cmt rtnr @ 11,667'. TIH w/stinger & DP to 11,540'. Bearings on input shaft failed. Now repairing rig.

UPRR #15-1
(10,500' TC-N-dev)
Summit Co., Utah
Pineview Prosp

4/27/79 170 days - PBTD 11,611'. RDRT. Fin repairing rig. TIH. Stung into pkr @ 11,667'; established circ rate; unstung. Spotted 50 sx Class G. Stung in; sqzd 45 sx below, 5 sx above. POH, LD DP. RD BOP & rental equipment. Rlsd rig @ 5 AM 4/27/79. DROP FROM DRILLING REPORT.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

4/18/79 161 days - TD 11,719'. Drld. 22' of TC ls in 5 hrs. Running CBL w/Dresser-Atlas. Pulled bit #50 @ 11,719'. Bit drld. 22' in 5 hrs. Dull grade 4-4-I. Fin. PU DP. Drld. 2nd DV collar @ 10,583'. Tested csg. to 1500 psi. Drld. float collar @ 11,644'; shoe @ 11,690'. Drld. to 11,719'. POH. Dumped pits. Now clng. pits while running CBL prep to go to KCl & Polymer mud.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

4/19/79 162 days - Drlg. in TC ls @ 11,780'. Drld. 61' in 13½ hrs. MW 8.3; vis 28. Ran bit #51 (5-7/8" Smith F3 - SN AB5260) @ 11,719'. Bit has drld. 61' in 13½ hrs. Drlg. wt 15,000#; RPM 61.

UPRR #15-1
(10,500'-TC-N-dev)
Summit Co., Utah
Pineview Prosp

4/20/79 163 days - Drlg Twin Creek ls @ 11,918'. Drld 138' in 23 hrs. MW 8.3, vis 28. Surveys: 10° @ 11,827', 11½° @ 11,882'. Bit #51 has drld 199' in 34 hrs. Sample top: Watton Canyon @ 11,790'. Drlg wt-5,000#; RPM-60.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

4/21/79 164 days - Drlg. in brn sh @ 11,956'. Drld. 38' in 9 hrs. MW 8.4; vis 28; pH 9.0. Survey: 12° @ 11,941'. Pulled bit #51 @ 11,926'. Bit drld. 207' in 36 hrs. Dull grade 4-4-I. Ran bit #52 (5-7/8" Smith F3 - SN AB5189). Bit has drld. 30' in 7 hrs. Drlg. wt 12,000#; RPM 60.

4/22 165 days - Drlg. in blk sh w/coal stringers @ 12,065'. Drld. 109' in 21-3/4 hrs. MW 8.4; vis 28; pH 8.7. Survey: 15° - @ 12,036'. Bit #52 has drld. 139' in 28-3/4 hrs. Carrying 2 units BGG. Thrust smpl top: 11,900'. Drlg. wt 10,000#; RPM 60.

4/23 166 days - TD 12,100'. Drld. 35' of blk sh in 7 hrs. Logging w/Schlumberger. MW 8.4; vis 28; pH 8.7. Pulled bit #52 @ 12,100' for elec. logs. Bit drld. 174' in 35-3/4 hrs. Dull grade 2-2-I. RU Schlumberger. Ran DIL 12,090-11,700'. Now running Sonic Log.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

4/24/79 167 days - TD 12,100'. PU test tools. MW 8.4; vis 28. Fin. logging. Ran CNFD 12,090-11,490'; Sonic 12,090-11,695'; Dipmeter & Frac Finder 12,072-11,695'. Also ran Veloc. Surveys. Elec. log tops: Echo 1145; Ft. Union 1795; Frontier 2411; Kelvin 2950; Stump 5125; Preuss 8131; Salt 10,303-10,450; TC 10,584; Thrust Fault 11,902; Bear River 11,950'. Now PU test tools.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

4/25/79 168 days - TD 12,100'. Prep to set pkr. MW 8.5; vis 28; pH 8.7. Fin. PU test tools for DST #3. TIH. Found tool leaking before reaching btm. POH. PU new tool. TIH. Now setting pkr. @ 11,637' prep to run DST #3 - 11,700-12,100'.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

4/13/79 156 days - TD 11,697'. TIH w/bit #48. MW 10.0; vis 80; WL 5.6; pH 10.0. Fin. circ. POH. Lost fingers off globe basket. Redressed globe bskt. TIH. Circ. to btm. POH. Rec. cone, shank & fingers off previous globe bskt. Now TIH w/bit #48.

4/14 157 days - TD 11,697'. RU to run csg. MW 10.1; vis 79; WL 5.2; pH 10.0. Fin. TIH w/bit #48 (8½" Hughes OSC1GJ - SN HX162). Circ. & cond. hole. Pulled bit #48 @ 11,697'. Dull grade 5-4-I. LD DP & BHA. Pulled wear ring. Now RU to run 7" csg.

4/15 158 days - TD 11,697'. Displacing 2nd stage. MW 10.1; vis 60; WL 5.2; pH 10.0. Fin. RU to run csg. Ran 267 jts 7" csg. from btm. up as follows:

23 jts 29# S95 LT&C -	966.99'
46 jts 32# S95 LT&C -	2004.84'
105 jts 26# S95 LT&C -	4588.07'
43 jts 23# S95 LT&C -	2011.81'
49 jts 29# S95 LT&C -	2121.10'
Cmt shoe	1.80'
Float collar	1.53'
Btm DV tool	3.15'
Top DV tool	3.10'
Total:	11702.39'
Landed @:	11690.00' KB
Float collar @:	11644.00'
Btm DV tool @:	10583.00'
Top DV tool @:	3022.00'

Now displacing 2nd stage.

4/16 159 days - TD 11,697'. Csg depth 11,690'. PU 3½" DP. Cemented 7" csg. as follows: Ran 1000 gal mud flush w/5% salt followed by 300 sx Class "G", 10% salt, 3/4 of 1% CFR_2, .03% HR_5 & ¼#/sk flocele. Had full ret's thruout 1st stage. Opened DV tool. Circ. btms up. Rec. approx. 10 bbls cmt-cut mud. Circ. 7 hrs. Ran 2nd stage as follows: Ran 1000 gal mud flush w/5% salt followed by 2000 sx Class "G", salt-saturated, w/¼#/sk flocele. Had ret's thruout job but lost approx. 120 bbls. mud while displacing 2nd stage. Opened 2nd DV collar. Broke circ. Cemented 3rd stage as follows: Ran 500 gal mud flush followed by 750 sx 50-50 Pozmix w/2% gel. Bumped plug. RD BOP. Hung 65,000# wt on csg. slips. Cut off & belled 7" csg. RU BOP. PU kelly & 17 - 4-3/4" DC's. Ran bit #49 (5-7/8" Hughes OWV - SN RT730). Now PU 3½" DP & prep to drill 1st DV tool.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

4/17/79 160 days - TD 11,697'. PU 3½" DP. MW 9.7; vis 40; WL 9.0; pH 8.5. Began PU 3½" DP. Tagged DV collar @ 3020'. Drld. DV collar. POH w/bit #49. Dull grade 4-4-I. Ran bit #50 (5-7/8" Hughes OWV - SN RT471). Now PU 3½" DP prep to drill 2nd DV collar.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

4/5/79 148 days - TD 11,697'. Washing & rmg. @ 6432'. MW 10.0; vis 75; WL 3.6; pH 10.0. Rmd. 1294' in 23-3/4 hrs. Now prep to POH, LD 6-pt rmr. & attempt to trip to btm.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

4/6/79 149 days - TD 11,697'. TOH @ 4390'. MW 10.0; vis 85; WL 2.4; pH 10.0. Rmd 6432-6718'. While rmg @ 6718', encountered continuous sloughing of hole. Worked pipe & circ. 10½ hrs. Now POH to LD 6-pt rmr & remove jets from bit.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

4/7/79 150 days - TD 11,697'. TIH @ 9651'. MW 10.0; vis 85; WL 5.0; pH 10.0. POH. LD 6-pt rmr. Pulled jets from bit. Now TIH.

4/8 151 days - TD 11,697'. TIH w/bit. MW 10.0; vis 96; WL 4.8; pH 10.0. Fin. TIH. Reamed all tite spots. Circ. 6 hrs. Made 25-stand short trip. POH. Now TIH w/bit to cond. for logs.

4/9 152 days - TD 11,697'. Circ. & cond. for logs. MW 10.1; vis 84; WL 5.0; pH 10.0. Fin. TIH. Circ. btms up. POH. Ran Schlumberger. Log stopped @ 6843'. Logged out. RD Schl. TIH. Reamed tite spot @ 6800'. Tripped to btm. Now circ. & cond. hole for logs.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

4/10/79 153 days - TD 11,697'. Logging with Schlumberger. MW 10.1; vis 85; WL 5.4; pH 10.0. Fin. circ. btms up. POH. Had tite spot @ 6300'. Worked thru tite spot. Ran Sonic Log 11,692-6840'. Now running CNFD Log.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

4/11/79 154 days - TD 11,697'. Logging w/Schlumberger. MW 9.9; vis 88; WL 5.4; pH 10.8. Fin. running CNFD & DLL - 11,695-2220'. Now attempting to run Dipmeter--have had 3 misruns.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

4/12/79 155 days - TD 11,697'. TOH w/globe bskt. MW 9.9; vis 80; WL 4.2; pH 10.0. Fin. running Dipmeter 11,692-2220'. Ran Frac Finder 11,692-10,400'. RD loggers. TIH w/8-3/8" globe bskt. Cut 2'. Now POH.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

3/31/79 143 days - TD 11,697'. TIH w/bit. MW 9.7; vis 85; WL 3.6; pH 10.0. Worked pipe. Jarred on fish. String parted 436' from surf. PU bit #48 (8½" Hughes OSC1GJ - SN HX162). Now TIH looking for top of fish.

4/1 144 days - TD 11,697'. Screwing into fish. MW 9.6; vis 80; WL 3.0; pH 10.0. TIH w/bit #48 to 1918'. Tagged top of fish. POH. PU jars, bumper sub & overshot. TIH. Engaged fish. Jarred on fish extensively. Could not pull bit above 3213'. Tripped back in hole. Sat on bridge @ 4748'. Backed off w/Petro-Log 1 jt below overshot. POH. LD fishing tools. TIH w/string 6-pt, 2 DC's, jars & bumper sub. Screwed into fish. Now attempting to break circ.

4/2 145 days - TD 11,697'. Rmg depth string reamer: 2706'; bit depth: 5543'. MW 9.8; vis 85; WL 3.8; pH 10.0. Broke circ. Began rmg in hole. Have now reamed 795' in 24 hrs.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

4/3/79 146 days - TD 11,697'. Reamed to 6141' - bit depth. Rmr depth: 3304'. TOH @ 3816'. MW 9.9; vis 80; WL 3.2; pH 10.0. Reamed 5543-6141'. Circ. & cond. hole. Now POH.

UPRR #15-1
(10,500' TC-Nugg-dev)
Summit Co.,Utah
Pineview Prosp.

4/4/79 147 days - TD 11,697'. Reaming in @ 5138'. MW 10.0; vis 76; WL 3.6; pH 10.0. Survey: 7° @ 11,697'. Pulled bit #47 @ 11,697'. Bit drld. 174' in 73¼ hrs. Lost 1 cone & 1 shank. Ran bit #48 (8½" Hughes OSC1G - SN HX162). Fin. POH. LD 52 jts corkscrew DP. LD excess DC's. PU 6-pt rmr, keyseat wiper & jars. Now TIH working all tite spots.

UPRR 15-1
(10,500' TC-N-dev)
Summit Co., Utah
Pineview Prospect

5/5/79 - MIRU Evertson Rig. Install tbg head, NU BOP and hydrill. Truck hauling working platform to rig, missed a gear, ran off road. Had to get cat to pull him back on road, then his front tire blew out in driver's face. Took him to hospital with eye injuries, changed tire and got truck with platform, mud pump and tanks on location at 11 PM. Tested tbg head to 4500 psi. COST TO DATE (THIS JOB) $3,800.

5/6/79 - PU and TIH w/5 7/8" reg tooth bit, used scraper xo sub, 6 4 1/8"DC xo sub and 351 jts 2 7/8" PH 6 7.9# N-80 R-2 tbg. Found cemt top at 11,462'. RU to drill cemt. CWI, SDON. COST TO DATE $7,450.

5/7/79 - Drilled cemt bridges and stringers from 11,462'to 11,607'. Drilled solid cement from 11,607' to 11,649'. Circ hole clean. RD drilling equip. LD 31 jts 2 7/8" PH6 tbg. TOOH w/320 jts 2 7/8" PH6 tbg. LD 6 4 1/8" drill collars, scraper, 5 7/8" bit and change over subs. COST TO DATE $10,600.

UPRR #15-1
(10,500' TC-N-dev)
Summit Co., Utah
Pineview Prospect

5/8/79 - RU McCullough. Perf Twin Creek formation with 4" casing gun (Select Fire) as follows: 11,624-11,619-11,614-11,609-11,308-11,303-11,298-11,293-11,288-11,283-11,278-11,072-10,965-10,949-10,867-10,858-10,809-10,725-10,720-10,715-10,710-10,705-10,651. Total of 20 hole. RD McCullough TIH w/Baker retrievamatic pkr and 101 jts 2 7/8" PH6 N-80 7.9# R-3 tbg. Pkr would not go through stage collar at 3033'. Pulled 2 jts tbg. SWI and SDON. COST TO DATE $ 17,750.

UPRR 15-1
10,500' TC-N-dev
Summit Co., Utah
Pineview Prospect

5/9/79 - 0# psi casing and tbg. TOH, had wrong size pkr. PU right pkr and TIH w/Baker retrievamatic pkr and 327 jts 2 7/8" PH6 N-80 7.9# R2 tbg. Set pkr at 10,496'. Press annulus to 1000#, held. Pumped into formation w/rig pump at 3000#. Broke back to 2800# at 1/16 BPM. RU to swab, could not get below 3000' w/cups, but mandrel would go with no restriction. Rec 16 BW, no oil or gas. CWI, SDON. COST TO DATE $20,300.

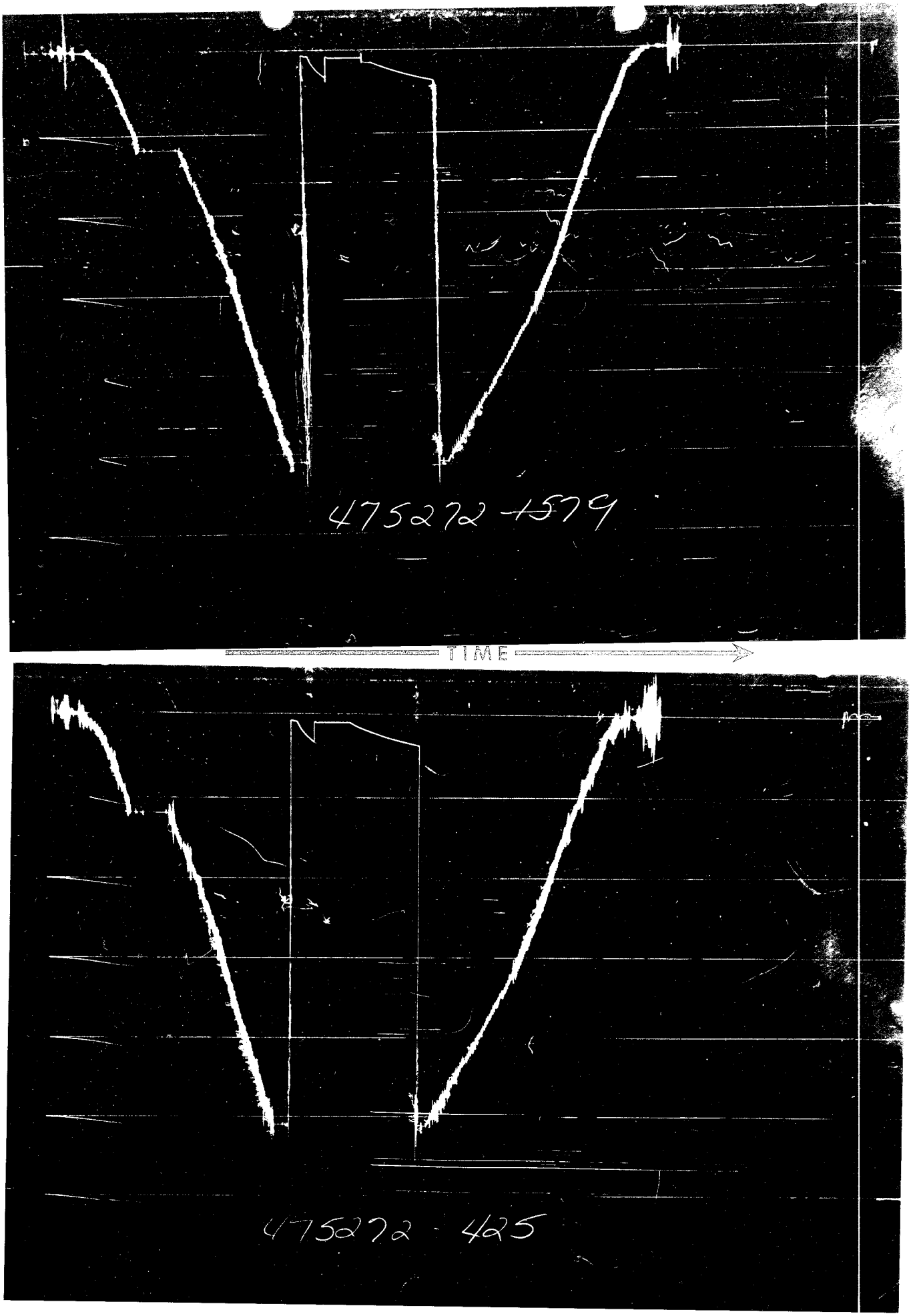
UPRR 15-1
10,500' TC-N-dev
Summit Co., Utah
Pineview Prospect

5/10/79 - SITP 0#, No fluid entry. RU BJ Hughes to acidize. Mixed 270 bbls 2% Kcl wtr, pumped 7500 28% Hcl w/.3% C-15, 2% J-4-A and 38 RCN ballsealers into Twin Creek formation at 10,651', down 2 7/8" tbg w/pkr set at 10,496'. Had very good ball action. Did not ball out. Max rate 5.3 BPM, avg rate 4.7 BPM, Max psi 5000#, avg psi 4400#. Final pumping psi 4300#. ISIP 2200# 5 min, 2050, 10 min 2000, 15 min 1970#. RD BJ Hughes. Total load pumped 285 bbls, (100 bbls 2% KCL wtr for displacement and 185 bbls acid.). Started flowing 2311 back at 11:05 AM, died at 1:20 PM. No oil or gas. RU to swab, could not get through tight spot in tbg at 2000' ± . Fluid varied from 1000' to 1500' from surface. Rec total of 180 bbls. CWI. SDON. COST TO DATE $36,250.

UPRR 15-1
10,500' TC-N-dev
Summit Co., Utah
Pineview Prospect

5/12/79 - 13 hrs. TP 250, bled off. RU swab. FL 3300'. Swabbed 8 hrs. Left fluid at 9800'. Rec 55 bbls H_2O, no oil or gas. Loaded tbg w/produced H_2O, released pkr. CWI SDON. COST TO DATE $41,550.

5/14/79 - TOH. LD 320 jts 2 7/8 pH 6 tbg, and pkr. ND BOP and hydrill. Installed cap flange. RD Evertson Rig #8. FINAL REPORT. COST TO DATE $43,750.



Each Horizontal Line Equal to 1000 p.s.i.

FLUID SAMPLE DATA

Sampler Pressure 475 P.S.I.G. at Surface
Recovery: Cu. Ft. Gas 6.072
cc. Oil
cc. Water
cc. Mud
Tot. Liquid cc.
Gravity ° API @ °F.
Gas/Oil Ratio cu. ft./bbl.

		RESISTIVITY		CHLORIDE CONTENT
Recovery Water	@	°F.		ppm
Recovery Mud	@	°F.		ppm
Recovery Mud Filtrate	@	°F.		ppm
Mud Pit Sample	@	°F.	1280	ppm
Mud Pit Sample Filtrate	@	°F.		ppm

Mud Weight 8.5 vis 28 sec

Date 4-15-79 Ticket Number 475272
Kind of Job HOOK WALL Halliburton District ROCK SPRINGS
Tester MR. BURNETT Witness MR. DUNHAM
Drilling Contractor PARKER DRILLING COMPANY # 56 sm

EQUIPMENT & HOLE DATA

Formation Tested Twin creek - Bear river
Elevation 7264' Ft.
Net Productive Interval 463' Ft.
All Depths Measured From Kelly bushing
Total Depth 12100' Ft.
Main Hole/Casing Size 7" 29# - 11690' 5 7/8" Hole
Drill Collar Length 397 I.D.
Drill Pipe Length 11224' I.D. 2.764"
Packer Depth(s) 11637' Ft.
Depth Tester Valve 11624' Ft.

Cushion TYPE AMOUNT Ft. Depth Back Pres. Valve
Surface Choke 1/8" Bottom Choke .75"

Recovered 200 Feet of water 1280 ppm chlorides
Recovered Feet of 100 nitrates (mud engineer on location)
Recovered Feet of Res. top .33
Recovered Feet of Bottom .32
Recovered Feet of
Remarks SEE PRODUCTION TEST DATA SHEET

TEMPERATURE	Gauge No. 1579 Depth: 11626 Ft.	Gauge No. 425 Depth: 11641 Ft.	Gauge No. Depth: Ft.	TIME
	24 Hour Clock	24 Hour Clock	Hour Clock	Tool A.M.
Est. °F.	Blanked Off no	Blanked Off yes	Blanked Off	Opened 0629 P.M.
				Opened A.M.
Actual 254 °F.	Pressures	Pressures	Pressures	Bypass 1009 P.M.

	Field	Office	Field	Office	Field	Office	Reported Minutes	Computed Minutes
Initial Hydrostatic	5106	5105.7	5152	5112.0				
First Period Flow Initial	87	69.7	88	70.0			—	—
First Period Flow Final	109	80.6	110	76.5			10	11
First Period Closed in	327	333.3	241	326.0			30	29
Second Period Flow Initial	87	89.3	88	87.5			—	—
Second Period Flow Final	87	98.0	88	91.9			60	62
Second Period Closed in	349	370.3	394	367.6			120	119
Third Period Flow Initial							—	—
Third Period Flow Final								
Third Period Closed in								
Final Hydrostatic	5106	5103.5	5152	5112.0			—	—

Legal Location Sec. - Twp. - Rng.: 15 2 N 7 E
Lease Name: U.P.R.R.
Well No.: 15.1
Test No.: 4
Tested Interval: 11637 - 12100'
Field Area: PINEVIEW
County: SUMMIT
State: UTAH
Lease Owner/Company Name: AMERICAN QUASAR PETROLEUM COMPANY
Meas. From Tester Valve

FORM 181-R2—PRINTED IN U.S.A.

FORMATION TEST DATA

LITTLE'S 102548 5M 9/76

Casing perfs.____ Bottom choke____ Surf. temp____ °F Ticket No. 475272

Gas gravity____ Oil gravity____ GOR____

Spec. gravity____ Chlorides____ ppm Res.____ @____ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED____

Date Time a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
4-24-79					
2230					Picked up tools
2400					Tripped in hole with tools
4-25-79					
0600					Rigged up surface equipment
0625					Set weight on tools
0629	1/8"	Bubble hose			Tester valve opened - had a few bubbles
					then no blow.
0637	"				Weak blow
0639	"				Moderate blow - closed dual
					valve.
0709	"				Opened dual with a weak blow
0712	"				Strong blow
0719	"	1			No gas to the surfade
0729	"	1			"
0739	"	1/2			No gas, opened on 1/2" choke
0749	"	0			Closed choke with very weak blow
0759					Weak blow-no gas to the surface
0809					Weak blow - no gas to the surface
					Closed Dual valve.
1009					Closed tester valve, rigged down surface
					equipment
					Tripped out of hole with tools.
1630					Broke out tools.
1730					Operator released

FORM 182-R1—PRINTED IN U.S.A.

PRODUCTION TEST DATA

LITTLE'S 96672 5M 8/74

AMERICAN QUASAR PETROLEUM COMPANY
Lease Owner/Company Name

475272
Ticket Number

B.T. 1579 B.T. 425 B.T.

Depth 11626 Depth 11641' Depth

	24 Hour			24 Hour					
	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
	FIRST FLOW PERIOD			FIRST FLOW PERIOD					
P-0	.0000		69.7	.0000		70.0			
1	.0104*		69.7	.0101*		67.8			
2	.0173		76.2	.0168		72.2			
3	.0242		78.4	.0236		74.3			
4	.0311		78.4	.0303		76.5			
5	.0380		80.6	.0370		76.5			
	2 minute intervals			2 minute intervals					
	*First interval is equal to 3 minutes.			*First interval is equal to 3 minutes					
	FIRST CIP PERIOD			FIRST CIP PERIOD					
0	.0000		80.6	.0000		76.5			
1	.0034		104.5	.0032		100.6			
2	.0068		119.8	.0064		111.5			
3	.0102		132.8	.0097		124.7			
4	.0137		148.1	.0130		135.6			
5	.0171		159.0	.0162		148.7			
6	.0205		172.1	.0194		159.7			
7	.0239		180.8	.0227		168.4			
8	.0273		191.7	.0259		179.4			
9	.0307		200.4	.0292		188.1			
10	.0341		209.1	.0324		199.1			
	1 minute intervals			1 minute intervals					
11	.0410		226.5	.0389		214.4			
12	.0478		241.8	.0454		231.9			
13	.0546		257.0	.0519		242.8			
14	.0614		270.1	.0583		258.2			
15	.0683		283.2	.0648		271.3			
16	.0751		294.1	.0713		282.2			
17	.0819		307.1	.0778		295.4			
18	.0888		318.0	.0843		308.5			
19	.0956		331.1	.0908		317.3			
	2 minute intervals			2 minute intervals					
20	.0990		333.3	.0940		326.0			
	1 minute interval			1 minute intervals					
	SECOND FLOW PERIOD			SECOND FLOW PERIOD					
0	.0000		89.3	.0000		87.5			
1	.0397**		98.0	.0393**		89.7			
2	.0727		98.0	.0720		89.7			
3	.1058		98.0	.1048		89.7			
4	.1389		98.0	.1375		89.7			
	(cont. on page 2)			(cont. on page 2)					

Remarks: *** First interval is equal to 12 minutes

AMERICAN QUASAR PETROLEUM COMPANY — 475272 Page 2
Lease Owner/Company Name — Ticket Number

B.T. 1579 B.T. 425 B.T.

Depth 11626 Depth 11641 Depth

24 Hour 24 Hour

	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
	SECOND FLOW (CONT.)			SECOND FLOW (CONT.)					
P-5	.1720		98.0	.1703		91.9			
6	.2050		98.0	.2030		91.9			
	10 minute intervals			10 minute intervals					
	SECOND CIP PERIOD			SECOND CIP PERIOD					
0	.0000		98.0	.0000		91.9			
1	.0033		CMF	.0033		96.2			
2	.0067		CMF	.0066		100.6			
3	.0101		CMF	.0099		102.8			
4	.0134		CMF	.0131		109.4			
5	.0168		CMF	.0164		111.5			
6	.0201		CMF	.0197		115.9			
7	.0235		CMF	.0230		122.5			
8	.0268		CMF	.0263		124.7			
9	.0302		CMF	.0296		129.1			
10	.0335		CMF	.0329		131.2			
	1 minute intervals			1 minute intervals					
11	.0402		CMF	.0394		137.8			
12	.0469		154.6	.0460		144.4			
13	.0536		161.2	.0526		150.9			
14	.0604		167.7	.0591		157.5			
15	.0671		172.1	.0657		164.1			
16	.0738		178.6	.0723		168.4			
17	.0805		183.0	.0789		172.8			
18	.0872		187.3	.0854		179.4			
19	.0939		191.7	.0920		183.8			
20	.1006		198.2	.0986		190.3			
	2 minute intervals			2 minute intervals					
21	.1174		211.3	.1150		203.5			
22	.1341		222.2	.1314		214.4			
23	.1509		235.2	.1479		227.5			
24	.1676		246.1	.1643		240.7			
25	.1844		257.0	.1807		251.6			
26	.2012		267.9	.1971		262.5			
	5 minute intervals			5 minute intervals					
27	.2347		287.5	.2300		284.4			
28	.2682		307.1	.2629		301.9			
29	.3018		324.6	.2957		321.6			
30	.3353		342.0	.3286		336.9			
31	.3688		357.2	.3614		354.4			
	10 minute intervals			10 minute intervals					
32	.3990		370.3	.3910		367.6			
	9 minute interval			9 minute interval					

Remarks: CMF = Clock malfunction during first 13 minutes of final closed in pressur e period.

TICKET NO. 475272

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Reversing Sub	4"	2.187"	1'	
Water Cushion Valve				
Drill Pipe	3.50"	2.764"	11224'	
Drill Collars	4.75"		397'	
Handling Sub & Choke Assembly				
Dual CIP Valve				
Dual CIP Sampler	5"	.87"	6.75'	
Hydro-Spring Tester	5"	.75"	5'	11624'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	2.25"	4.12'	11626'
Hydraulic Jar	5"	1.75"	5'	
VR Safety Joint	5"	1 '	2.62'	
~~Pressure Equalizing~~ Crossover	4.875"	2.375"	1'	
Packer Assembly	5.75"	2.44"	3.07'	11637'
~~Distributor~~ X over	3.625"	2"	.42'	
~~Packer Assembly~~ Nipple	2.375"	1.75"	.69'	
~~Flush Joint Anchor~~ Tubing	2.375"	1.875"	5.67'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case	3"	2.31"	4.67'	11641'
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor				
Blanked-Off B.T. Running Case				
Total Depth				12100'

EQUIPMENT DATA

Phone
522-1206 Area 303

LYNES, INC

Box 3600
Sterling, Colo. 80751

Operator American Quasar Petroleum Co.
Address See Distribution
Well Name and No. U.P.R.R. #15-1
Ticket No. 10275
Date 11-14-78
DST No. 2
No. Final Copies 21

Contractor	Parker Drlg. Co.	Top Choke	1/4"
Rig No.	56	Bottom Choke	1/2"
Spot	SW-NW	Size Hole	12 1/4"
Sec.	15	Size Rat Hole	--
Twp.	2 N	Size & Wt. D. P.	4 1/2" 16.60
Rng.	7 E	Size Wt. Pipe	--
Field	Pineview	I. D. of D. C.	2 1/4"
County	Summit	Length of D. C.	381.42'
State	Utah	Total Depth	1285'
Elevation	7264' "K.B."	Interval Tested	1150-1285'
Formation	--	Type of Test	Bottom Hole Conventional

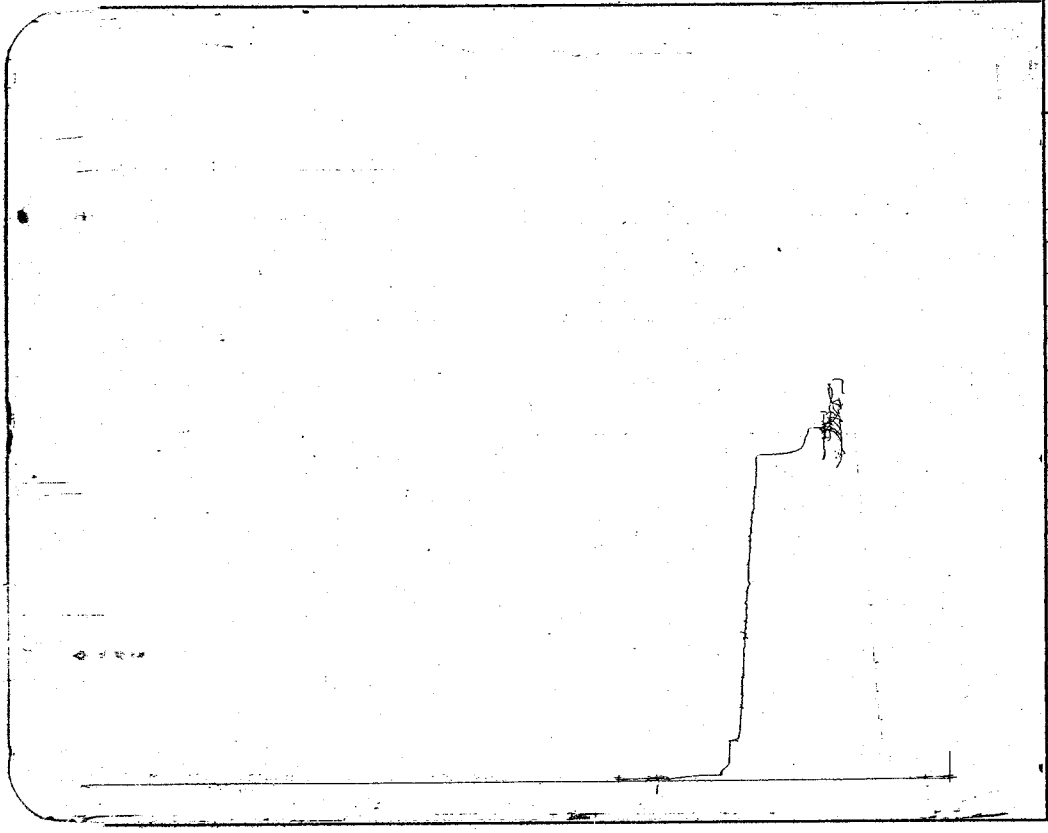
Flow No. 1	--	Min.	
Shut-in No. 1	--	Min.	
Flow No. 2	--	Min.	
Shut-in No. 2	--	Min.	
Flow No. 3	--	Min.	
Shut-in No. 3	--	Min.	
Bottom Hole Temp.	75°F		
Mud Weight	9.1		
Gravity	--		
Viscosity	42		

Tool opened @ 7:22 AM.

Inside Recorder

PRD Make Kuster AK-1
No. 5978 Cap. 1200 @ 1165'

Press		Corrected
Initial Hydrostatic	A	--
Final Hydrostatic	K	--
Initial Flow	B	--
Final Initial Flow	C	--
Initial Shut-in	D	--
Second Initial Flow	E	--
Second Final Flow	F	--
Second Shut-in	G	--
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--



Lynes Dist.: Rock Springs, WY.
Our Tester: Ron Trumble
Witnessed By: Peyton Dunn

Did Well Flow — Gas No Oil No Water No
RECOVERY IN PIPE:

MISRUN - No packer seats.

REMARKS:

Form 1

LYNES, INC.

Distribution of Final Reports

Operator American Quasar Petroleum Co. Well Name and No. UPRR #15-1

Original: American Quasar Petroleum Co., 204 Superior Bldg., 201 N. Wolcott, Casper, Wyoming 82601 Attn: John Sindelar

1 copy: American Quasar Petroleum Co., 707 United Bank Tower, 1700 Broadway, Denver, Colorado 80290 Attn: Clare Gregg

3 copies: American Quasar Petroleum Co., 2500 Ft. Worth National Bank Bldg., Ft. Worth, Texas 76102 Attn: Bill Bogert

3 copies: Amoco Production Co., Box 1400, Riverton, Wyoming 72501 Attn. J.R. Jones

2 copies: Sun Oil Co., Box 2880, Dallas, Texas 75221 Attn: N.E. Area Manager

2 copies: Utah Oil & Gas Comm., 1588 W. North Temple, Salt Lake City, Utah 84116

3 copies: Amoco Production Co., Security Life Bldg., Denver, Colorado 80202 Attn: E.L. Sampson

1 copy: Champlin Petroleum Co., Box 1257, 7901 E. Belleview Ave., Englewood, Colorado 80150 Attn: Clark Kaiser

1 copy: North Central Oil Corp., Box 27491, Houston, Texas 77027 Attn: Charles Tyler

1 copy: Victor B. Gras, 777 9th Ave., Salt Lake City, Utah 84103

3 copies: Energetics, Inc., 333 W. Hampden, Suite 1010, Englewood, Colorado 80110

Form 6

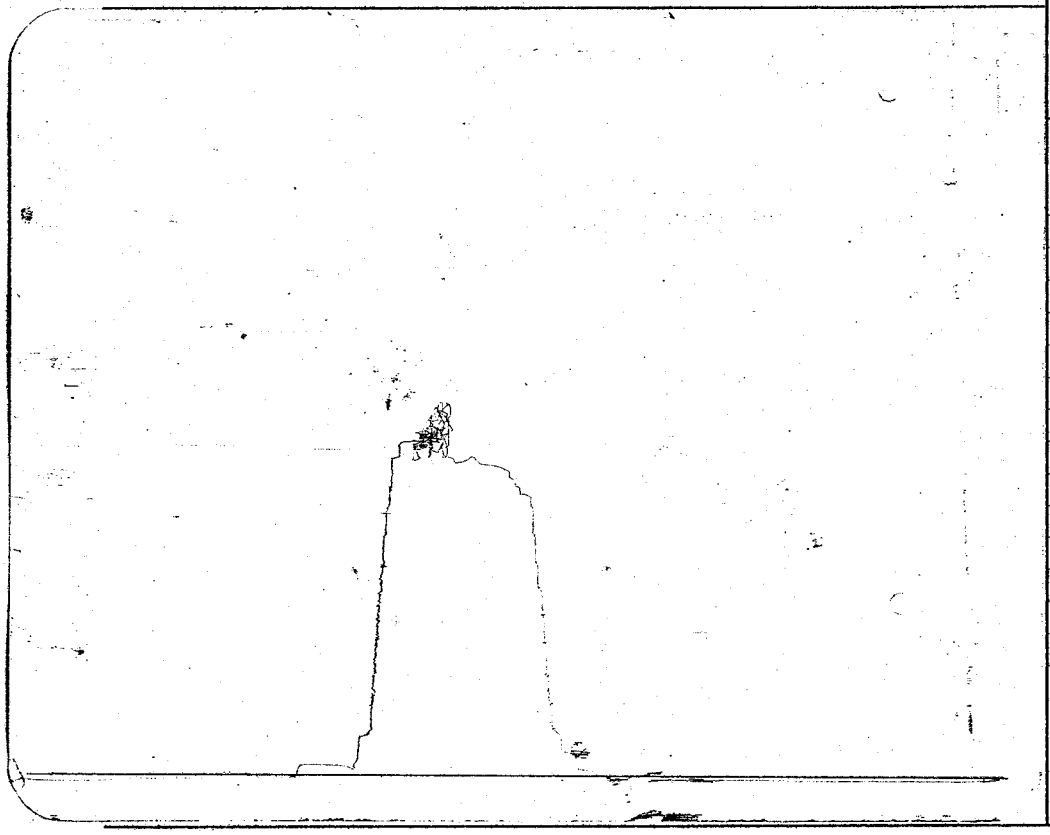
Phone
522-1206 Area 303

LYNES, INC.

Box 3600
Sterling, Colo. 80751

Contractor	Parker Drlg. Co.
Rig No.	56
Spot	SW-NW
Sec.	15
Twp.	2 N
Rng.	7 E
Field	Pineview
County	Summit
State	Utah
Elevation	7264' "K.B."
Formation	--

Top Choke	1/4"
Bottom Choke	1/2"
Size Hole	12 1/4"
Size Rat Hole	--
Size & Wt. D. P.	4 1/2" 16.60
Size Wt. Pipe	--
I. D. of D. C.	2 1/4"
Length of D. C.	381.42'
Total Depth	1285'
Interval Tested	1135-1285'
Type of Test	Bottom Hole Conventional



Flow No. 1	-- Min.
Shut-in No. 1	-- Min.
Flow No. 2	-- Min.
Shut-in No. 2	-- Min.
Flow No. 3	-- Min.
Shut-in No. 3	-- Min.
Bottom Hole Temp.	75°F
Mud Weight	9.1
Gravity	--
Viscosity	42

Tool opened @ 2:21 AM.

Inside Recorder

PRD Make Kuster AK-1
No. 5978 Cap. 1200 @ 1145'

Press		Corrected
Initial Hydrostatic	A	--
Final Hydrostatic	K	--
Initial Flow	B	--
Final Initial Flow	C	--
Initial Shut-in	D	--
Second Initial Flow	E	--
Second Final Flow	F	--
Second Shut-in	G	--
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Lynes Dist.: Rock Springs, WY.
Our Tester: Ron Trumble
Witnessed By: Peyton Dunn

Did Well Flow – Gas No Oil No Water No

RECOVERY IN PIPE:

MISRUN - No packer seats.

REMARKS:

Operator American Quasar Petroleum Co.
Address See Distribution
Well Name and No. U.P.R.R. #15-1
Ticket No. 10274
Date 11-13-78
DST No. 1
No. Final Copies 21

Form 1

LYNES, INC.

Distribution of Final Reports

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3 copies: Energetics, Inc., 333 W. Hampden, Suite 1010, Englewood, Colorado 80110

Form 6

FILE IN QUADRUPLICATE
FORM OGC-8-X

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: UPRR 15-1

Operator: American Quasar Petroleum Co. Address: Casper, Wyo.

Contractor: Parker Drilling Co. Address: Casper, Wyo.

Location ~~SW~~ NE 1/4 NW 1/4; Sec. 15 T. 2 N, R. 7 E; Summit County.

Water Sands: None

Depth: From-	To-	Volume: Flow Rate or Head	Quality: Fresh or Salty
1.			
2.			
3.			
4.			
5.			

(Continue on Reverse Side if Necessary)

Formation Tops:

Wasatch	Surface	Salt	10330 - 10450
Echo	1145	Twin Creek	10584
Fort Union	1795	Thrust Fault	11902'
Frontier	2411	Bear River	11950'
Kelvin	2950	T.D.	12100'
Stump	5125		
Preuss	8131		

Remarks:

NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
(c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

Form OGC-3

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

5

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED JUL 11 1979 DIVISION OF OIL, GAS, & MINING

5. LEASE DESIGNATION AND SERIAL NO.: FEE - POOLED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

8. FARM OR LEASE NAME: UPRR

2. NAME OF OPERATOR: American Quasar Petroleum Co.

9. WELL NO.: 15-1

3. ADDRESS OF OPERATOR: 1700 Broadway Suite 707 Denver, Colorado 80210

10. FIELD AND POOL, OR WILDCAT: WC

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface 914.35' FWL and 1681.16' FNL
At top prod. interval reported below
At total depth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: 15, 2N-7E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-043-30080	8/8/78	Summit	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
11/8/79	4/23/79	Operations suspended 5/14/79	7248	--

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
12,100	--	--	→	0-TD	--

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: None

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: DLL-GR, BHC-GR, FCD-CNL, Dipmeter, CBL

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"		56'	17½	5 yds Ready-Mix	None
9 5/8"	40#, 43.5#	2253'	12¼	1080 sx	None
7"	23,26,29,32#	11690	8 3/4	3050 sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
--	--	--

31. PERFORATION RECORD (*Interval, size and number*)
Perf'd 11624, 11619, 11614, 11609, 11308, 11303, 11298, 11293, 11288, 11283, 11278, 11072, 10965, 10949, 10867, 10858, 10809, 10725, 10720, 10715, 10710, 10705, 10651 (20 holes) 4" casing gun

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11624 - 10651	7500 28% HCl w/.3% C-15
	2% J4A + 38 RCN ball sealers

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
--	--	--

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
--	--	--		--	--	--	--

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
			--	--	--	--

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): --

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS:

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [signature] TITLE Division Operations Manager DATE 6/25/79

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
DST #1	1135	1285	Packers failed
DST #2	1150	1285	Packers failed
DST #3	11637	12100	With no water cushion, TO 10" w/weak blow increasing to medium blow in 8", SI 30", TO 60" w/weak blow increasing to strong in 3", began declining after 20" to very weak after 40", SI 120", rec 200' KCl wtr, 100 ppm nitrates, IHP 5106, IFP 87/109, ISIP 327, FFP 87-87, FSIP 349, FHP 5106.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Wasatch	Surface	
Echo	1145	
Upper Cretaceous		
Frontier	1795	
Kelvin	2186	
Stump	5125	
Preuss	8132	
Top Salt	10330	
Base Salt	10450	
Twin Creek	10584	
Leeds Creek	11196	
Watton Canyon	11788	

Form DOGC-4

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION
1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
328-5771

State Lease No.
Federal Lease No.
Indian Lease No.
Fee & Pat. FEE

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Summit FIELD/LEASE Pineview

The following is a correct report of operations and production (including drilling and producing wells) for the month of: October, 19 79.

Agent's Address 707 United Bank Tower
1700 Broadway
Denver, CO 80290
Phone No. 303/861-8437

Company American Quasar Petroleum of New Mexico
Signed Mary Marson
Title Administrative Supervisor

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; data and result of test for gasoline content of gas)
UPRR Sec. 15 NE NW	2N	7E	15-1							Operations suspended

Gas Sold
Flared/Vented
Used on/off Lease

NOTE: There were ____ runs or sales of oil; ____ M. cu. ft. of gas sold; ____ runs or sales of gasoline during the month.

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. *THIS REPORT MUST BE FILED IN DUPLICATE.*

AMERICAN QUASAR PETROLEUM CO.
OF NEW MEXICO

707 UNITED BANK TOWER, 1700 BROADWAY, DENVER, COLORADO 80290, U.S.A.
TELEPHONE (303) 861-8437

July 15, 1981

State of Utah
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Mr. Cleon B. Feight, Director

Gentlemen:

On April 28, 1981, American Quasar Petroleum, as Operator of the Pineview Field, Summit County, Utah, submitted an application to the State of Utah, Division of Oil, Gas and Mining, to convert the UPRR 15-1 to a water disposal well. As of this date, the application has only been "conditionally" approved, provided the well meets the requirements of the proposed "Underground Injection Criteria and Standards". American Quasar has reviewed the proposed regulations and finds the proposed well to comply with the regulations.

The only point not covered in the application was if the proposed injection zone was sufficiently isolated from any potential fresh water aquifiers. The proposed rules state: "When the fluid injection rate is greater than 1000 barrels per day...an overlying strata of at least 500 feet in thickness between the lowest base of a U.S.D.W. (underground source of drinking water) and the top of the proposed interval of injection is considered sufficient efidence of a U.S.D.W. protection."

The planned injection rate is greater than 1000 barrels per day.

In the UPRR 15-1 the top of the Stump formation is 5125 feet. Because the top 1000 feet of the formation has low porosity and poorly developed sands, the proposed injection interval is from 6149 feet to 8131 feet. The deepest aquifier that could possibly contain water with a total dissolved solid content less than 10,000 mg/l would be in the Kelvin, which is stratigraphically just above the Stump. The proposed injection interval is 1000 feet below the base of the Kelvin, which is sufficient separation to prevent contamination of a U.S.D.W., according to the proposed injection regulations.

Your prompt approval of our application would be appreciated. Water production is continuing to increase, and additional disposal capacity is needed.

Very truly yours,

Jim Brown FOR

W. R. Seidel
Division Operations Manager

JTB:sb
enc.

AMERICAN QUASAR PETROLEUM CO.
OF NEW MEXICO

707 UNITED BANK TOWER, 1700 BROADWAY, DENVER, COLORADO 80290, U.S.A.
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Your prompt approval of our application would be appreciated. Water production is continuing to increase, and additional disposal capacity is needed.

Very truly yours,

Jim Brown For

W. R. Seidel
Division Operations Manager

JTB:sb
enc.

Form OGC-1b

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER Shut in

2. NAME OF OPERATOR: American Quasar Petroleum Co. of New Mexico

3. ADDRESS OF OPERATOR: 707 United Bank Tower 1700 Broadway #707 Denver, Colorado 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2051.5' FWL, 666.8' FNL

5. LEASE DESIGNATION AND SERIAL NO.: Fee Pooled

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: UPRR

9. WELL NO.: 15-1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 15, T2N-R7E

14. PERMIT NO.: 43-043-30080

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7264 KB 7248 GL

12. COUNTY OR PARISH: Summit

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other) Convert to Saltwater Disposal	☒			(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Please see attached procedure and well diagram.

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Division Operations Manager DATE 4/30/81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

AMERICAN QUASAR PETROLEUM CO.
OF NEW MEXICO

707 UNITED BANK TOWER, 1700 BROADWAY, DENVER, COLORADO 80290, U.S.A.
TELEPHONE (303) 861-8437

April 28, 1981

State of Utah
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Mr. Cleon B. Feight, Director

Subject: Application to convert UPRR 15-1 to water disposal well, NE¼NW¼ Sec. 15, T2N-R7E, Pineview Field, Summit County, Utah

Gentlemen:

American Quasar Petroleum requests administrative approval to convert the UPRR 15-1 to a water disposal well in the Stump formation. The well was drilled in 1979 as an exploratory well, was non-productive and has been shut-in since that time. As discussed during a telephone conversation between Mr. Cleon Feight and Mr. W. R. Seidel on April 27, 1971, American Quasar is submitting data as required by existing Rules and Regulations of the Division of Oil and Gas. Please find enclosed the following exhibits:

1. Plat showing the location of the proposed disposal well, all abandoned, shut-in, producing and drilling wells in the area, and names of Lessees of record within one-half mile of the well.
2. Acoustic log of the UPRR 15-1 showing the Stump sand interval.
3. A well schematic showing the mechanical configuration and a description of the casing.
4. The Acoustic cement bond log.
5. Sundry notice to convert the well to disposal.
6. Proposed procedure to convert the well to water disposal well.
7. List of Lessees of record within one-half mile of well, to which copies of this application were mailed.

The well was spudded on November 8, 1978 and 7" casing set at 11,690 on April 15, 1979. Drilling continued and the well reached TD at 12,100 feet in the Bear River on April 24, 1979. The bottom 410 feet of the well was tested with a DST and was non-productive. The open hole was squeezed off and the Leeds interval of the Twin Creek perforated, acidized, and produced water. Further evaluation of the well indicated that no further testing was warranted.

The top of the Stump is picked at a depth of 5125 (+2139 subsea) and the base of the Stump at 8131 (-867 subsea). Because the top 1000 feet of the zone appears shaly and non-porous, the interval American Quasar requests be approved for disposal is from 6149 feet KB to 8131 feet KB. When the 7" casing was cemented, the cement top was located with a cement bond log at

5721 feet. American Quasar has proposed that the 7" casing be perforated and cement squeezed at 6100 feet to prevent possible contamination of zones uphole. Please review attached procedure for complete details on proposed conversion. (When 7" was cemented, a two stage job was pumped. The DV tool was set at 3022 feet and the 7" cemented from 3022-1227 feet.)

Produced water from the Nugget, Twin Creek and Stump formations from American Quasar and Champlin operated wells will be injected into the UPRR 15-1. Presently the Pineview water disposal system has the plant capacity to handle 13,400 BPD. American Quasar is in the process of increasing the plant capacity to 21,400 BPD. Water production from the Pineview Field is averaging 10,500 BPD (American Quasar and Champlin) and is steadily increasing as more submersible pumps are installed, and the water cut in the up-dip wells continues to increase. Present disposal well capacity is about 12,000 BPD, so additional disposal wells will be needed soon. Based on our experience with the four Stump disposal wells in the Field, the maximum injection rate into the UPRR 15-1 should be between 3,000-4,000 BPD. The maximum injection pressure will be 2,500 psi.

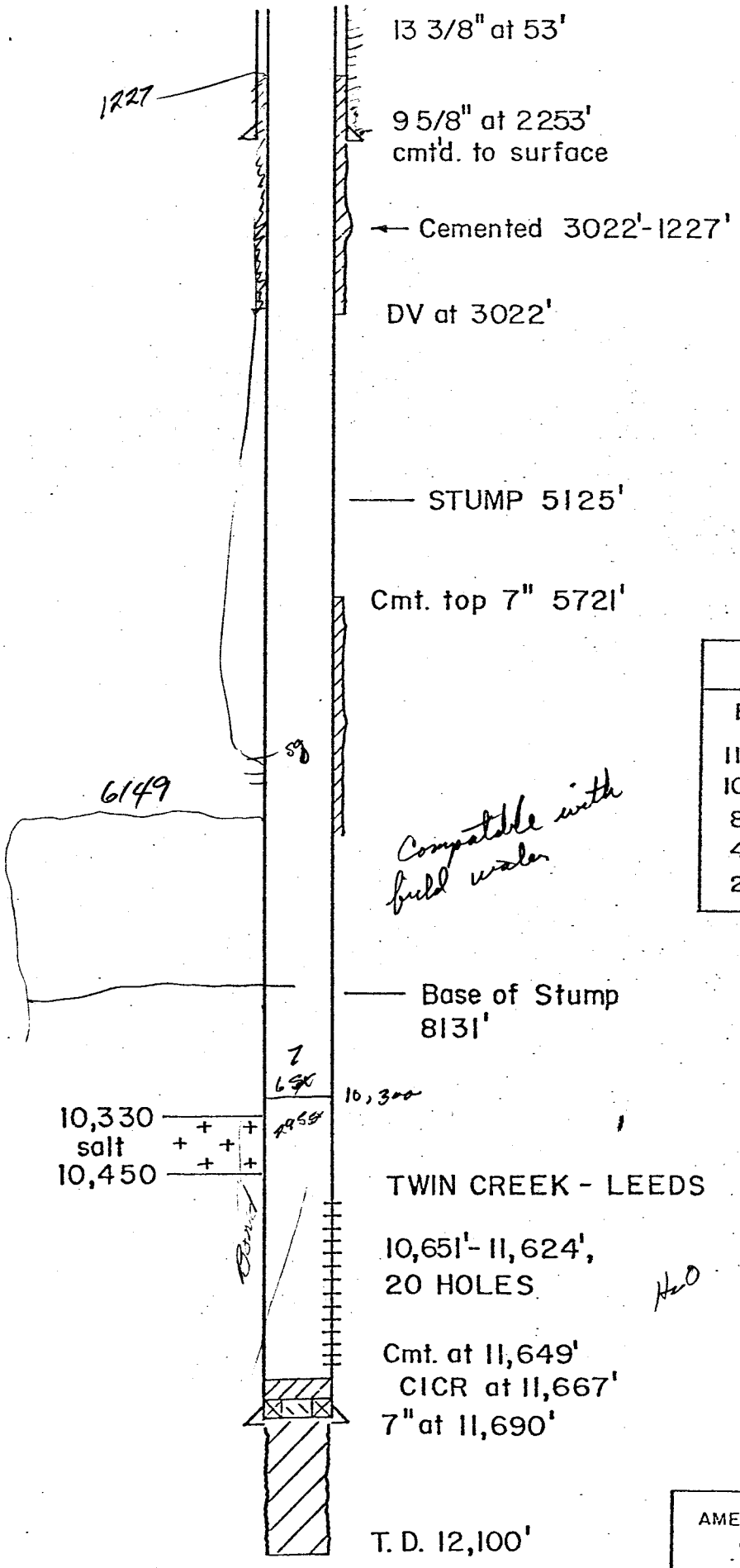
In the order for Cause 160-14 (Application for Water Disposal, Pineview Field) the Board gave the Division of Oil Gas and Mining Staff authority to approve all future disposal wells without a hearing before the Board. American Quasar would appreciate receiving administrative approval for this application to avoid the delays associated with having a hearing.

Should you have any questions or require any additional information, please do not hesitate to contact us.

Very truly yours,

W. R. Seidel
Division Operations Manager

JTB:sb
attachments



CASING DETAIL			
FROM	TO		
11,690	— 10,723	29#	S-95
10,723	— 8718	32#	S-95
8718	— 4130	26#	S-95
4130	— 2118	23#	S-95
2118	— SURF.	29#	S-95

AMERICAN QUASAR PETROLEUM CO.
WELL SCHEMATIC
UPRR 15-1

PINEVIEW COUSE 160-14 Saltwater Disposal

	NO UPRR 11-1	Y Bingham 10-3	Y UPRR 5-1	NO JONES 1 42-5
Wstch	Surf			
Echo Frontier	2128		1950	
Aspen	3103		2306	
Bear River	3346		2728	
Kelvin Morr	3650	1827	5820	
Stump	5783	6103	6890	
Preuss	6318	6576	7380	
Tw. Cr.	8400	8968	8838	
Nugget	10160	10 200	10222	
	July 79	Sept 79	MAR 78	MAR 80
PBTD	6403 (7")	6550	10 534	6450
Interval	6130-6316 Stump	5990-6575 Stump	10201-10350 Nugget	6262-6404 Stump
ϕ		9%		
K				
Quality Resv			not to exceed .65/ fraction gradient	
TDS		12,500 PPM.		
Injection				
TDS		25,000 ppm		
MAX		10,000 bbls/d	10000	

AMERICAN QUASAR PETROLEUM CO.
OF NEW MEXICO

707 UNITED BANK TOWER, 1700 BROADWAY, DENVER, COLORADO 80290, U.S.A.
TELEPHONE (303) 861-8437

April 28, 1981

State of Utah
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Mr. Cleon B. Feight, Director

Subject: Application to convert UPRR 15-1 to water disposal well, NE¼NW¼ Sec. 15, T2N-R7E, Pineview Field, Summit County, Utah

Gentlemen:

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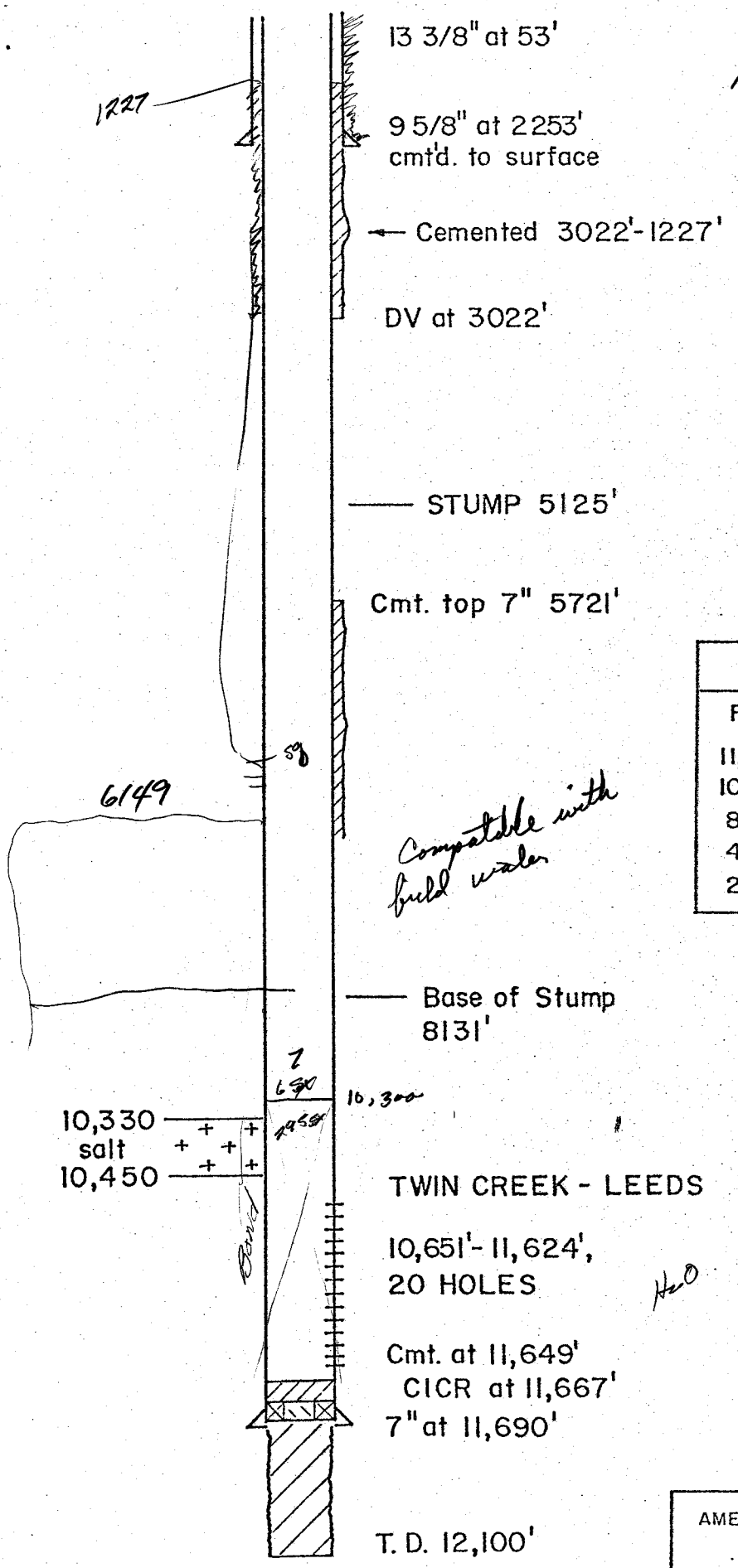
Should you have any questions or require any additional information, please do not hesitate to contact us.

Very truly yours,

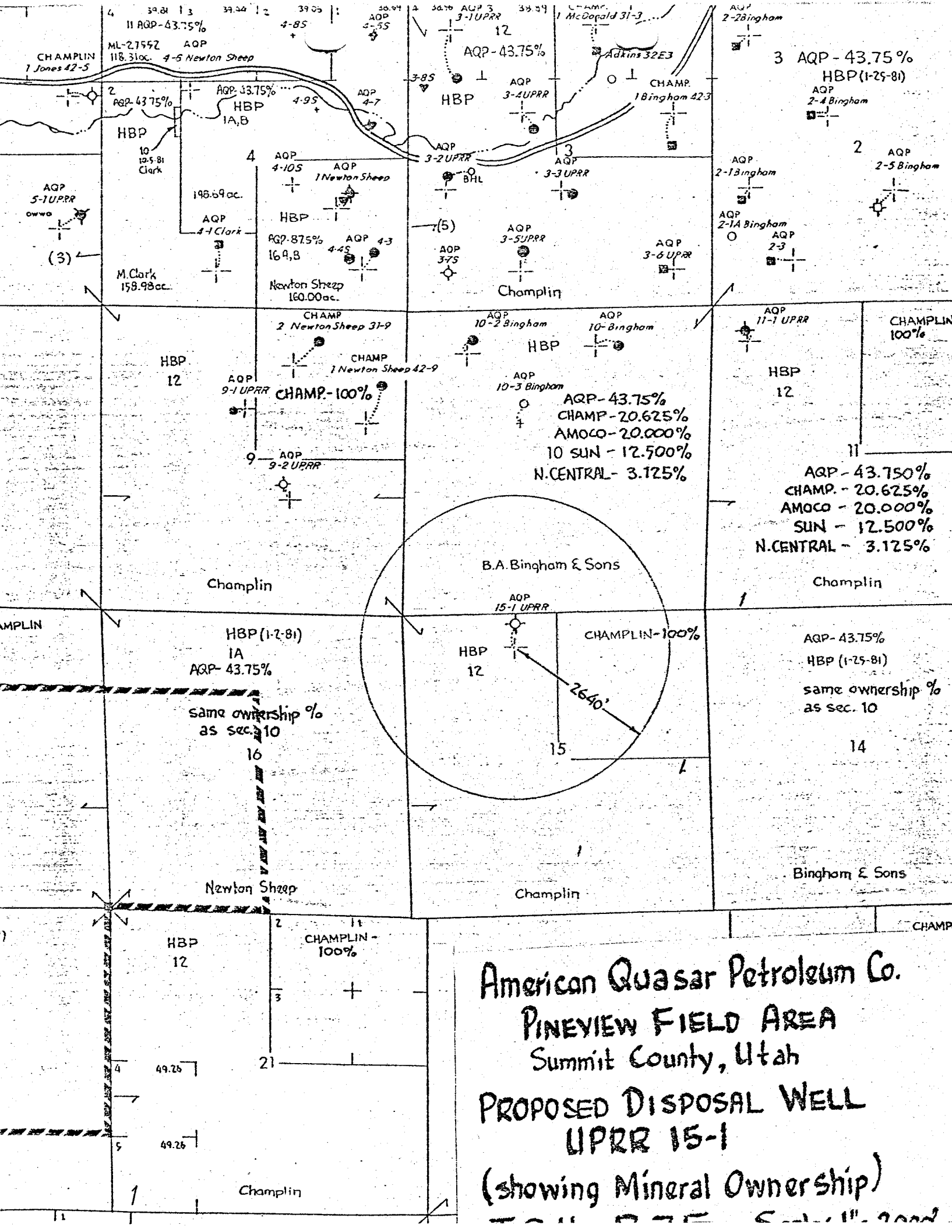
W. R. Seidel
Division Operations Manager

JTB:sb
attachments



CASING DETAIL			
FROM	TO		
11,690	10,723	29#	S-95
10,723	8718	32#	S-95
8718	4130	26#	S-95
4130	2118	23#	S-95
2118	SURF.	29#	S-95

AMERICAN QUASAR PETROLEUM CO.
WELL SCHEMATIC
UPRR 15-1



American Quasar Petroleum Co.

Pineview Field Area

Summit County, Utah

Proposed Disposal Well

UPRR 15-1

(showing Mineral Ownership)

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR: American Quasar Petroleum Co.

3. ADDRESS OF OPERATOR: 707 United Bank Tower 1700 Broadway Denver, CO 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2051.5' FWL, 666.8' FNL

5. LEASE DESIGNATION AND SERIAL NO.: Fee Pooled

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: UPRR

9. WELL NO.: 15-1

10. FIELD AND POOL, OR WILDCAT: Pineview

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 15, T2N-R7E

14. PERMIT NO.: 43-043-30080

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7264 KB 7248 GL

12. COUNTY OR PARISH: Summit

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐				
(Other) Perforate additional interval	☒			(Other) Perforate additional interval	☒		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

11/4/82 MIRU Petrolog. Attempted to perf Stump intervals 6920-6944, 7048-7062 w/2" gun, 4 SPF, could not get below 6807. Attempt unsuccessful.

Put well back on injection 11/5/82.

18. I hereby certify that the foregoing is true and correct

SIGNED James T. Brown TITLE Division Production Manager DATE 11/11/82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

79

AMERICAN QUASAR PETROLEUM CO.
OF NEW MEXICO

707 UNITED BANK TOWER, 1700 BROADWAY, DENVER, COLORADO 80290, U.S.A.
TELEPHONE (303) 861-8437

September 22, 1983

State of Utah
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Attention: Gilbert L. Hunt

Subject: Rule I-4, Existing Injection Wells,
Pineview Field, Summit County, Utah

Gentlemen:

We have attached the information requested in your letter dated August 9, 1983 in order to complete our application under Rule I-4. The following information is provided:

1. Schematic wellbore sketches attached:
   Bingham 10-3
   Boyer 34-1
   Jones 42-5
   UPRR 5-1*
   UPRR 11-1
   UPRR 15-1

   *State to witness tubing-annular test

2. The Nugget fracturing gradient is ±.7 to .75 psi/ft based upon fracture stimulations in the UPRR 5-1 (Twin Creek) and the Howell Livestock 26-31 (Nugget). The Stump fracture gradient is .922 psi/ft based on recent acid breakdowns in the Clark 4-1, UPRR 9-1 and Newton Sheep 4-9S.

3. High-low pressure switches are installed which will shut down the injection pumps. Field personnel check injection stations a minimum of three times daily.

4. Representative produced, DST and injection water analyses are attached.

5. The Pineview Field is an east-west trending anticline on the hanging wall of the northeast-southwest trending Absaroka Thrust fault. The Nugget and Twin Creek formations, which produce at Pineview, are cut off by the Absaroka on the east side of the structure. On the north flank the same formations are faulted up relative to the north Pineview anticline in Sections 26 and 35. The south flank has dips of 7° to 15° into a syncline separating it from the Elkhorn structure.

   Smaller subsidiary faults parallel to the Absaroka cut the Pineview

anticline on the east and west sides. There is about 2650 feet of structural closure, of which 1060 feet was originally oil productive in the Nugget.

The Nugget formation is 1054 feet thick in the American Quasar UPRR 3-2 well in NW SW Section 3, T2N-R7E. The Nugget is an Aeolian sand with variable porsity in the upper half and generally tight in the lower half.

Below the Nugget is the Ankareh formation, composed of thin bedded red sands and shales. It is considered impermeable to vertical fluid migration.

Above the Nugget is the Twin Creek formation. It is 1303 feet of hard, dense shaly limestone. At the base of the Twin Creek is the Gypsum Spring member. It is about 50 feet thick and consists of interbedded shale, anhydrite and limestone. It forms a barrier on the Nugget sand to vertical fluid migration.

The Stump formation is 500 to 950 feet thick and is from 5200 to 6700 feet deep at Pineview. The structure map shows the formation to be very broken up with northeast-southwest normal and reverse faults.

The Stump is composed of interbedded sandstone, conglomerate, shales and siltstone. The sands are discontinuous and have variable porosity and permeability. The oil production is presently confined to the west side of the structure in Section 4, and northwest corner of Section 3.

Two structure maps are attached showing the Nugget and Stump formations. We have also attached our calculations, showing that parting pressure is not achieved in either the Stump or Nugget formations.

6. A review of our drilling and production records in the Pineview Area show little or no fresh water influx occurs below ±1500 feet. Although not a fixed number, we have consistently doubled this distance to 2900 to 3000 feet. The only drinking water source wells (USDW) in the area are less than 200 feet deep.

We trust this additional information will complete our application.

Very truly yours,

John D. Dolan

John D. Dolan
Division Production Manager

JDD:sb
attachments

12/9/83

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE I-5 & RULE I-4)

FORM NO. DOGM-UIC-1
(Revised 1982)

IN THE MATTER OF THE APPLICATION OF
American Quasar Petroleum Co.
ADDRESS 1700 Broadway #707
Denver, CO ZIP 80290
INDIVIDUAL ___ PARTNERSHIP ___ CORPORATION X
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
INJECT FLUID INTO THE UPRR 15-1 WELL
SEC. 15 TWP. 2N RANGE 7E
Summit COUNTY, UTAH

CAUSE NO. 160-14

ENHANCED RECOVERY INJ. WELL	☐
DISPOSAL WELL	X ☒
LP GAS STORAGE	☐
EXISTING WELL (RULE I-4)	☐

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:
1. That Rule I-5 (g) (iv) authorizes administrative approval of enhanced rcovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name: UPRR	Well No.: 15-1	Field: Pineview	County: Summit
Location of Enhanced Recovery Injection or Disposal Well: 2051 FWL 667 FNL Sec. 15	Twp. 2N	Rge. 7E	
New Well To Be Drilled: Yes ☐ No ☒	Old Well To Be Converted: Yes ☐ No ☒	Casing Test: Yes ☒ No ☐ Date 3/30/83	
Depth-Base Lowest Known Fresh Water Within ½ Mile: 2900'	Does Injection Zone Contain Oil-Gas-Fresh Water Within ½ Mile: YES ☐ NO ☒	State What	
Location of Injection Source(s): Pineview Field	Geologic Name(s) and Depth of Source(s): Twin Creek (-3500 elev) Nugget (-4500 elev)		
Geologic Name of Injection Zone: Stump	Depth of Injection Interval: 6912 to 7762		
a. Top of the Perforated Interval: 6912	b. Base of Fresh Water: 2900	c. Intervening Thickness (a minus b): 4012	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? (YES) NO			
Lithology of Intervening Zones: Sandstone, siltstone and shale			
Injection Rates and Pressures: Maximum 10,000 B/D; 2,500 PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent: Champlin Petroleum Co. P.O. Box 1257 Englewood, CO 80150			

State of Colorado)
County of Denver)

John D. Dolan
Applicant

Before me, the undersigned authority, on this day personally appeared John D. Dolan known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Suscribed and sworn to before me this 20th day of July, 1983

SEAL

My commission expires 9/15/85

Notary Public in and for Denver, Colorado

(OVER)

FORM DOGM-UIC-1 (continued)

INSTRUCTIONS

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitive analysis of the injection formation of water.

2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).

3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)

4. Attach Electric or Radioactivity Log of Subject well (if released).

5. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.

6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.

7. The Division is required to send notice of application to he surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehole within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.

8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.

9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.

10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.

11. If there is less intervening thickness required by Rule I-5 (b) 4, attach sworn evidence and data.

12. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	9 5/8"	2253'	1080	Surface	
Intermediate					
Production	7"	11690'	3050	5712	Bond Log
Tubing	2 7/8"		Name - Type - Depth of Tubing Packer 35 std 6134'		
Total Depth 12000'	Geologic Name - Inj. Zone Stump		Depth - Top of Inj. Interval 6912		Depth - Base of Inj. Interval 7762

FORM DOGM-UIC-2
(Rule I-5 (b) 2

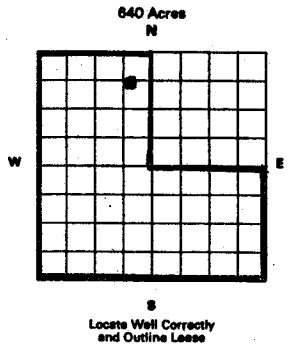
PLEASE TYPE OR USE BLACK INK ONLY

(To be filed within 30 days after drilling is completed)

COUNTY LEASE NO. _____

DEPARTMENT OF NATURAL RESOURCES AND ENERGY
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

API NO 43-043-30080



COUNTY Summit SEC. 15 TWP. 2N RGE. 7E
COMPANY OPERATING American Quasar Petroleum
OFFICE ADDRESS 1700 Broadway #707
TOWN Denver STATE ZIP CO 80290
FARM NAME UPRR WELL NO. 15-1
DRILLING STARTED 11/8 19 79 DRILLING FINISHED 4/23 19 79
DATE OF FIRST PRODUCTION -- COMPLETED --
WELL LOCATED ¼ NE ¼ NW ¼
2051 FT. FROM ~~S~~ (N) LINE & 667 FT. FROM ~~W~~ (E) LINE OF SEC.
ELEVATION DERRICK FLOOR 7264 GROUND 7248

TYPE COMPLETION
Single Zone X Order No. _____
Multiple Zone _____ Order No. _____
Comingled _____ Order No. _____
LOCATION EXCEPTION Order No. _____ Penalty _____

OIL OR GAS ZONES

Name	From	To	Name	From	To

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Sax	Fillup	Top
13 3/8"	54.5	K-55	53		5 yd. Ready-Mix		Surface
9 5/8"	40,43.5	N-80 S-80 CYS 95	2253		1080		Surface
7"	23,26, 29,32	K-55 S-95	11690	1000	3050		5721

TOTAL DEPTH 12100

PACKERS SET DEPTH 6155

COMPLETION & TEST DATA BY PRODUCING FORMATION

	1	2	3
FORMATION	Stump		
SPACING & SPACING ORDER NO.	160-14		
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	Injection well		
PERFORATED INTERVALS	7261-7281 7358-7390 7553-7566 7648-7664 7734-7762	6912-6916 6761-6830 6920-6944 7048-7062	
ACIDIZED?	10,000 gals 15% HCl	10,000 gals 15% HCl	
FRACTURE TREATED?			

INITIAL TEST DATA

Date			
Oil. bbl./day			
Oil Gravity			
Gas. Cu. Ft./day	CF	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.			
Water-Bbl./day			
Pumping or Flowing			
CHOKE SIZE			
FLOW TUBING PRESSURE			

A record of the formations drilled through, and pertinent remarks are presented on the reverse. (use reverse side)

John D. Dolan

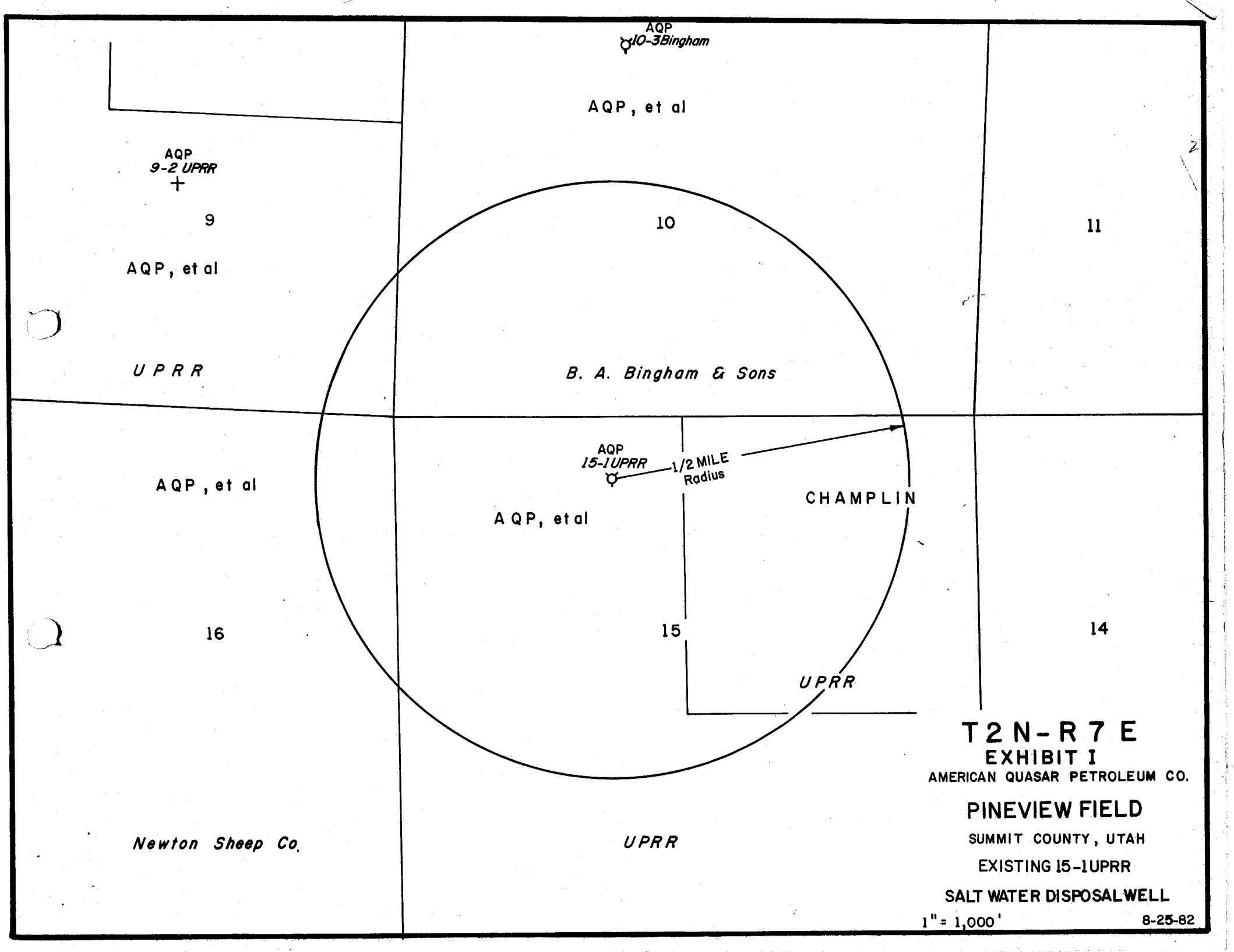
I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone 303/861-8437 John D. Dolan, Div. Production Manager
Name and title of representative of company

Subscribed and sworn before me this 20th day of July, 19 83.

Wasatch	Surface
Echo	1145
Upper Cretaceous	
Frontier	1795
Kelvin	2186
Stump	5125
Preuss	8132
Top Salt	10332
Base Salt	10450
Twin Creek	10584
Leeds Creek	11196
Watton Canyon	11788

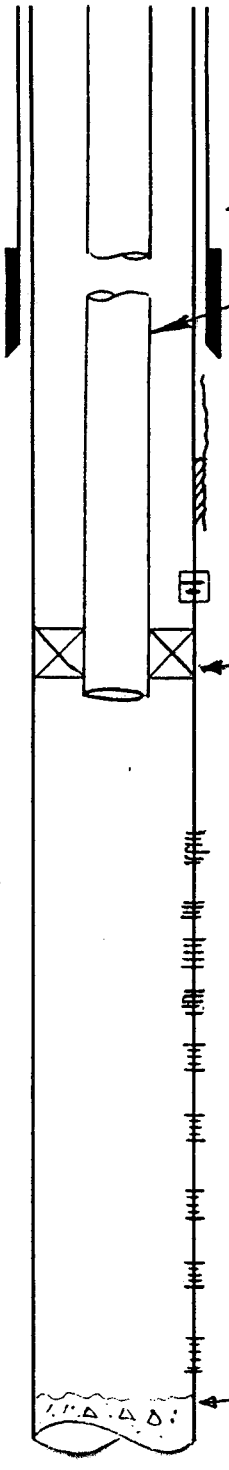
8' 32
51 25
3007


AQP
10-3 Bingham
AQP, et al
AQP
9-2 UPRR
9
10
11
AQP, et al
UPRR
B. A. Bingham & Sons
AQP
15-1 UPRR
1/2 MILE
Radius
AQP, et al
AQP, et al
CHAMPLIN
16
15
14
UPRR
Newton Sheep Co.
UPRR
T 2 N - R 7 E
EXHIBIT I
AMERICAN QUASAR PETROLEUM CO.
PINEVIEW FIELD
SUMMIT COUNTY, UTAH
EXISTING 15-1 UPRR
SALT WATER DISPOSAL WELL
1" = 1,000'
8-25-82

PETRO-LOG, INCORPORATED

SERVING THE ROCKY MOUNTAIN AREA

DATE Sep 12, 1983 WELL NO. 15-1 LEASE UPRR FIELD PINEVIEW



GR: 7248' KB 7264'

NE-NW Sec 15 T2N R7E
Summit Co. Utah

2 7/8" 6.5# N-80 EUE PLASTIC COATED TUBING
(198 JTS) TEST TBG CSG ANN TO 1000psi ON 9/15/81

9 5/8" @ 2253

- STUMP @ 5125 -

CMT TOP @ 5721'

6090' - TOP BLOCK SQUEEZE w/ 200 SX HOLD TO 5000psi.

Model "R" 7" DBL Grip @ 6155'

6761 - 6830
6912 - 6916
6928 - 6944
7048 - 7062

STUMP PERFS
4 SPF w/ 2" WIRE LINE GUN

7261 - 7281
7358 - 7390
7553 - 7566
7648 - 7664
7734 - 7762

STUMP PERFORATIONS
4 SPF w/ 4" CSG. GUN.

CLEAN OUT RUN TO 7860'

PBTD 10,300' CICR

7" @ 11,690'
TD 12,000'

BRIDGE PLUG | PACKER | CENTRALIZER | SCRATCHER | BASKET | PERFORATION

(Use reverse side for additional remarks & sketches.)

Pursuant to Rule I-5 (b) 4 & 5 the following information and discussion is provided for the Stump and Nugget formations:

A. Formation Properties

	Stump	Nugget
Average depth to top of injection (elev.)	6377 (±400')	10,274 (-3787)
Average gross injection thickness (feet)	315	76
Lithology	Siltst-Sdst	Sdst
Average permeability (k)	28 md	5.2 md
Average porosity (Ø%)	10.3	11.8
Formation temperature (°F)	±145°	±175°
Fracture gradient (psi/ft)	.922	.7-.75
S.G. of injected water	1.04	1.04
Hydrostatic gradient of injected water	.4515	.4515
Maximum allowable surface pressure (psi)	2500	2500
Maximum rate (BWPD)	10,000	10,000

B. Injection Pressure at the formation

$P_1 = P_2 - P_3 + P_4$

Where:

P_1 = injection pressure at formation
P_2 = hydrostatic pressure
P_3 = loss due to friction
P_4 = maximum surface injection pressure
P_5 = fracturing pressure

Stump

$P_1 = (6377)(.4515) - 100 + 2500$
$= 5279$ psi

$P_5 = (.92)(6377)$
$= 5867$ psi

$P_5 - P_1 = 588$ psi below

Nugget

$P_1 = (10,274)(.4515) - 200 + 2500$
$= 6939$ psi

$P_5 = (.7)(10,274)$
$= 7192$ psi

$P_5 - P_1 = 253$ psi below

C. Pineview average injection rate ±14,000 BWPD for 6 wells or approximately ±2400 BWPD per well.

D. Calculations of Injection Yearly Volumes.

$V_1 = 2400$ (bbl/day x 365 day/yr $= 8.76 \times 10^6$ bbl/yr per well

e. Calculation of Stump and Nugget storage

$$V_2 = \emptyset \times h(ft) \times 43,560 \left(\frac{ft^2}{A}\right) \times \frac{1}{5.614} \left(\frac{bbl}{ft^3}\right) \times 1 \frac{bbl}{bbl}$$

Stump $V_2 = (.103)(315)(43560)(\frac{1}{5.614})(1)$
$= \underline{251746} \frac{bbl}{acre}$

Nugget $V_2 = (.118)(76)(43560)(\frac{1}{5.614})(1)$
$= \underline{69,584} \frac{bbl}{acre}$

F. Acres of Influence

$A \text{ (acres/yr)} = \frac{V_1}{V_2}$

Stump $A = \frac{876,000}{251,746}(\frac{bbl/yr}{bbl/ac})$
$= 3.5 \frac{acres}{year}$

Nugget $A = \frac{876,000}{69,584}$
$A = 12.6 \frac{acres}{year}$

G. Assume 20 years injection

Stump (3.5) x (20) x 69.59 acres Nugget (12.6) x (20) = 151.07 acres

H. Radius of Influence at 20 years

$R = \sqrt{\frac{(A)(43,560}{\pi}}$

Stump $R = \sqrt{\frac{(69.59)(43560)}{\pi}}$
$\simeq$ 982 feet

Nugget $R = \sqrt{\frac{(151.07)(43,560)}{\pi}}$
$\simeq$ 1447 feet

I. Injected waters are anticipated to be wholly contained in the Nugget and Stump formations.

FORM NO. DOGM-UIC-9
(1981)

RULE I—4

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114
(801)533-5771

INVENTORY OF AUTHORIZED EXISTING DISPOSAL WELLS

NAME OF WELL	LOCATION OF WELL	AUTHORIZING ORDER NO.	FORMATION NAME	MAX. AUTH. INJECTION RATE (BPD)	MAX. AUTH. INJECTION PRESS. (PSI)	DEPTH OF INJECTION
Bingham 10-3	SE NW Sec. 10, T2N-R7E	160-14	Stump	10,000	2,500	6356-6470'
Boyer 34-1	SE SW Sec. 34, T3N-R7E	160-14	Stump	10,000	2,500	6796-6916'
UPRR 5-1	E½ SE Sec. 5, T2N-R7E	Rule C-11(3/27/78)	Nugget	10,000	2,500	10274-95;10310-50
UPRR 11-1	NW NW Sec. 11, T2N-R7E	160-14	Stump	10,000	2,500	6159-6316
UPRR 15-1	NE NW Sec. 15, T2N-R7E	160-14	Stump	10,000	2,500	6912-7762
Jones #1 (42-5)	SE NE Sec. 5, T2N-R7E	160-13	Stump	10,000	2,500	6262-6404

OPERATOR: American Quasar Petroleum Co.

ADDRESS: 1700 Broadway #707

Denver, CO 80290

John D. Dolan
Signature of Duly Authorized Representative
John D. Dolan, Div. Production Manager
July 19, 1983
Date

BASIN LABORATORIES
75 W. 200 N. (73-10)
Roosevelt, UT 84066
(801) 722-4511

CERTIFICATE OF ANALYSIS
Water Analysis Report

Date: March 22, 1983

Company: American Quasar

Laboratory Number: 830069

Sample Description: Water Disposal Water

Sample Date: March 10, 1983

Submitted by: Paul Smith

Component	Mg/l (ppm)	Meq/l
Calcium (Ca+2)	1520	76.0
Magnesium (Mg+2)	206	17.2
Sodium (Na+)		
Bicarbonate (HCO3-)	170	2.8
Carbonate (CO3-2)	0	0
Chloride (Cl-)	24200	681.7
Sulfate (SO4-2)	140	1.5

Total Alkalinity (as Calcium Carbonate): 279 mg/l

Total Hardness (as Calcium Carbonate): 4660 mg/l

pH: 7.02

Resistivity (Ohm-m): Not determined

BASIN LABORATORIES
75 W. 200 N. (73-10)
Roosevelt, UT 84066
(801) 722-4511

CERTIFICATE OF ANALYSIS
Water Analysis Report

Date: March 22, 1983

Company: American Quasar

Laboratory Number: 8300~~6~~70

Sample Description: Water Disposal Water

Sample Date: March 10, 1983

Submitted by: Paul Smith

Component	Mg/l (ppm)	Meq/l
Calcium (Ca+2)	1100	55.0
Magnesium (Mg+2)	192	16.0
Sodium (Na+)		
Bicarbonate (HCO3-)	286	4.7
Carbonate (CO3-2)	0	0
Chloride (Cl-)	18500	521.1
Sulfate (SO4-2)	178	1.9

Total Alkalinity (as Calcium Carbonate): 469 mg/l

Total Hardness (as Calcium Carbonate): 3550 mg/l

pH: 7.57

Resistivity (Ohm-m): 0.238

CL1-12A (REV. 1964)

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

OPERATOR American Quasar Petroleum Co.
WELL NO. 3-3
FIELD Pineview
COUNTY Summit
STATE Utah

DATE August 30, 1978 LAB NO. 28468-5
LOCATION
FORMATION Nugget
INTERVAL
SAMPLE FROM Production (8-10-78)

REMARKS & CONCLUSIONS:

Cations	mg/l	meq/l
Sodium	14192	617.35
Potassium	670	17.15
Lithium		
Calcium	1803	89.97
Magnesium	313	25.73
Iron	present	
Total Cations		750.20

Anions	mg/l	meq/l
Sulfate	1275	26.52
Chloride	25400	716.28
Carbonate	-	
Bicarbonate	451	7.40
Hydroxide		
Hydrogen sulfide	-	
Total Anions		750.20

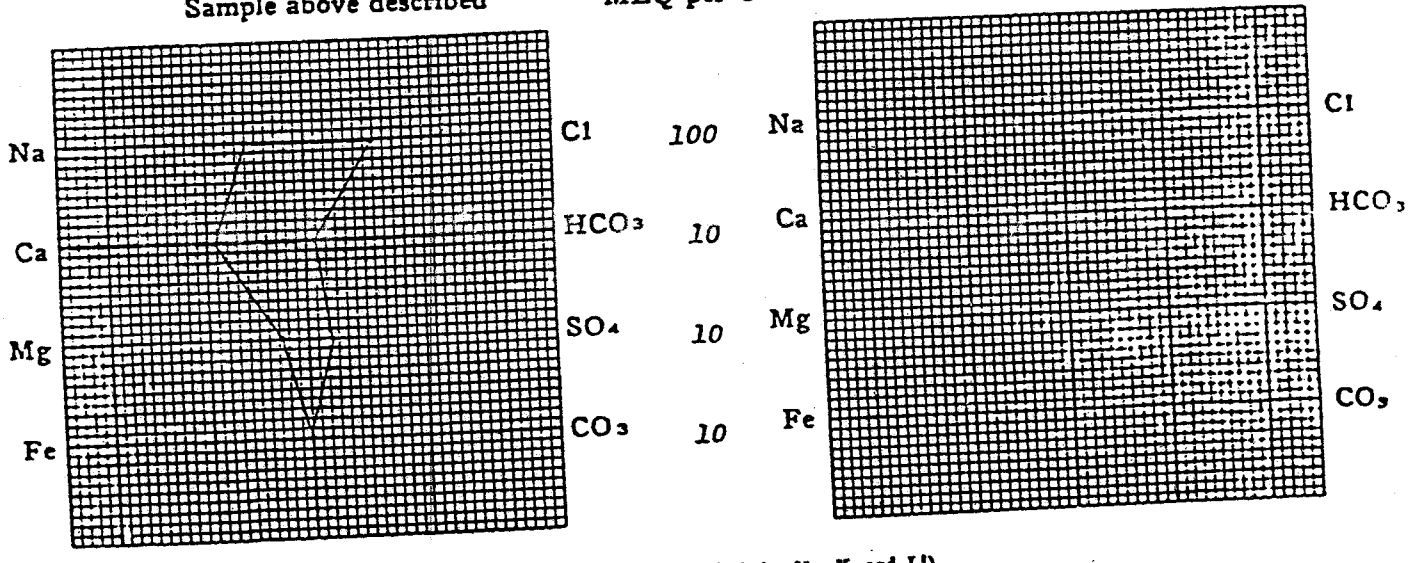
Total dissolved solids, mg/l	43875
NaCl equivalent, mg/l	43360
Observed pH	6.9

Specific resistance @ 68°F.:
Observed 0.210 ohm-meters
Calculated 0.165 ohm-meters

WATER ANALYSIS PATTERN

Sample above described

Scale
MEQ per Unit



(Na value in above graphs includes Na, K, and Li)
NOTE: Mg/l=Milligrams per liter Meq/l= Milligram equivalents per liter
Sodium chloride equivalent=by Dunlap & Hawthorne calculation from components

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

OPERATOR American Quasar Petroleum Co. DATE September 29, 1978 LAB NO. 28805-3
WELL NO. UPRR 3-4 LOCATION
FIELD Pineview FORMATION Nugget
COUNTY Summit INTERVAL
STATE Utah SAMPLE FROM Treater (9-14-78)

REMARKS & CONCLUSIONS:

Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium	7740	336.71	Sulfate	1850	38.48
Potassium	465	11.90	Chloride	12100	341.22
Lithium			Carbonate	-	
Calcium	690	34.43	Bicarbonate	610	10.00
Magnesium	81	6.66	Hydroxide		
Iron	-		Hydrogen sulfide	-	
Total Cations		389.70	Total Anions		389.70

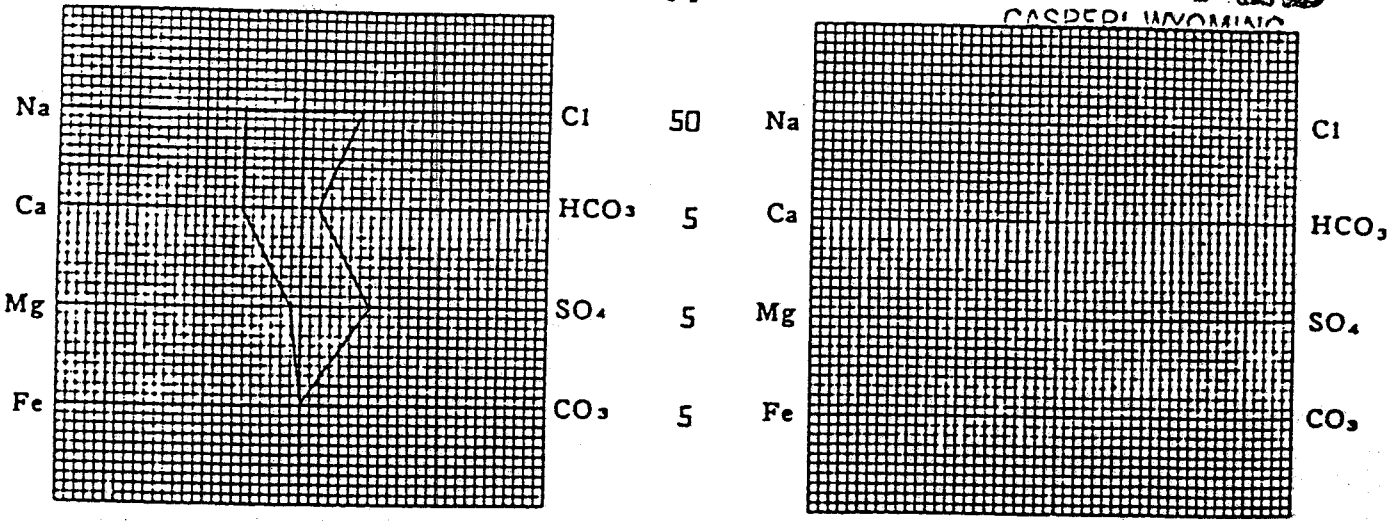
Total dissolved solids, mg/l	23226
NaCl equivalent, mg/l	22212
Observed pH	7.2

Specific resistance @ 68°F.:
Observed 0.33 ohm-meters
Calculated 0.30 ohm-meters

WATER ANALYSIS PATTERN

Sample above described

Scale
MEQ per Unit



(Na value in above graphs includes Na, K, and Li)
NOTE: Mg/l = Milligrams per liter Meq/l = Milligram equivalents per liter
Sodium chloride equivalent = by Dunlap & Hawthorne calculation from components

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

OPERATOR American Quasar Petroleum Co. DATE January 24, 1979 LAB NO. 29846-1
WELL NO 3-7S Pineview LOCATION SW SW 3-2N-7E
FIELD Pineview FORMATION STUMP
COUNTY Summit INTERVAL 6061-6271
STATE Utah SAMPLE FROM DST No.1 (Top) 12-6-78

REMARKS & CONCLUSIONS:

Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium	708	30.79	Sulfate	337	7.01
Potassium	90	2.30	Chloride	590	16.64
Lithium			Carbonate	48	1.60
Calcium	3	0.15	Bicarbonate	512	8.40
Magnesium	5	0.41	Hydroxide		
Iron	-		Hydrogen sulfide	-	
Total Cations		33.65	Total Anions		33.65

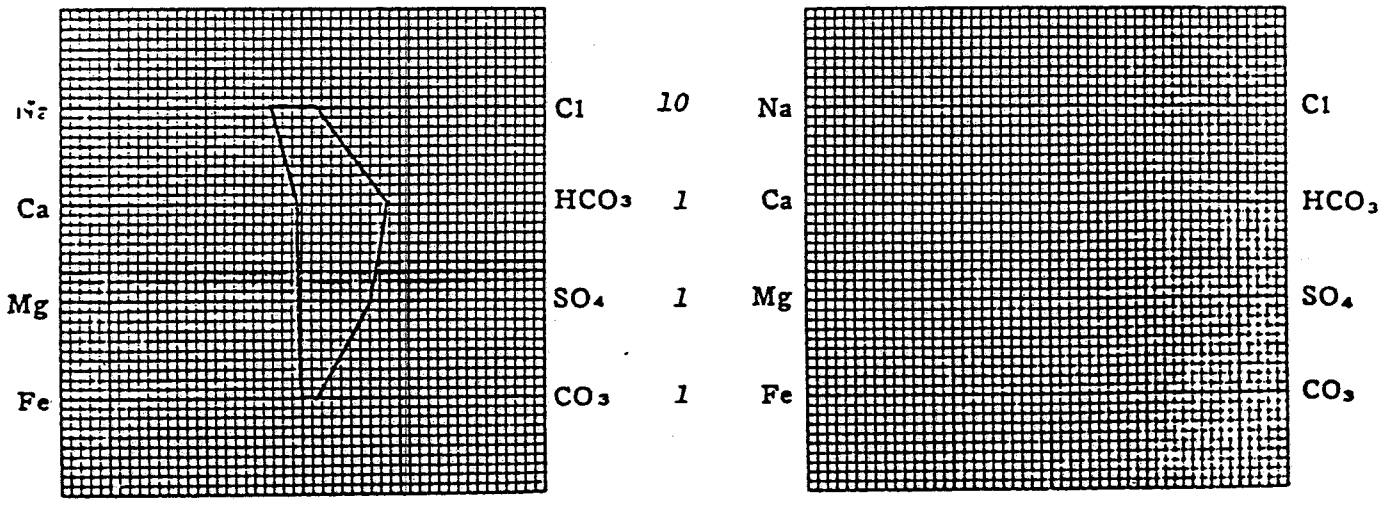
Total dissolved solids, mg/l 2033
NaCl equivalent, mg/l 1768
Observed pH 8.7

Specific resistance @ 68°F.:
Observed 3.30 ohm-meters
Calculated 3.37 ohm-meters

WATER ANALYSIS PATTERN

Sample above described

Scale
MEQ per Unit



(Na value in above graphs includes Na, K, and Li)
NOTE: Mg/l=Milligrams per liter Meq/l= Milligram equivalents per liter
Sodium chloride equivalent=by Dunlap & Hawthorne calculation from components

CL1-12A (REV. 1964)

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

OPERATOR American Quasar Petroleum Co. DATE July 10, 1979 LAB NO. 31327-2
WELL NO. UPRR 3-8S LOCATION
FIELD FORMATION KELWIN
COUNTY INTERVAL 3090-3197
STATE SAMPLE FROM DST No. 1 (Bottom)

REMARKS & CONCLUSIONS: No other information given.

Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium	590	25.67	Sulfate	32	0.67
Potassium	17	0.44	Chloride	620	17.48
Lithium			Carbonate	36	1.20
Calcium	15	0.75	Bicarbonate	488	8.00
Magnesium	6	0.49	Hydroxide		
Iron	-		Hydrogen sulfide	-	
Total Cations		27.35	Total Anions		27.35

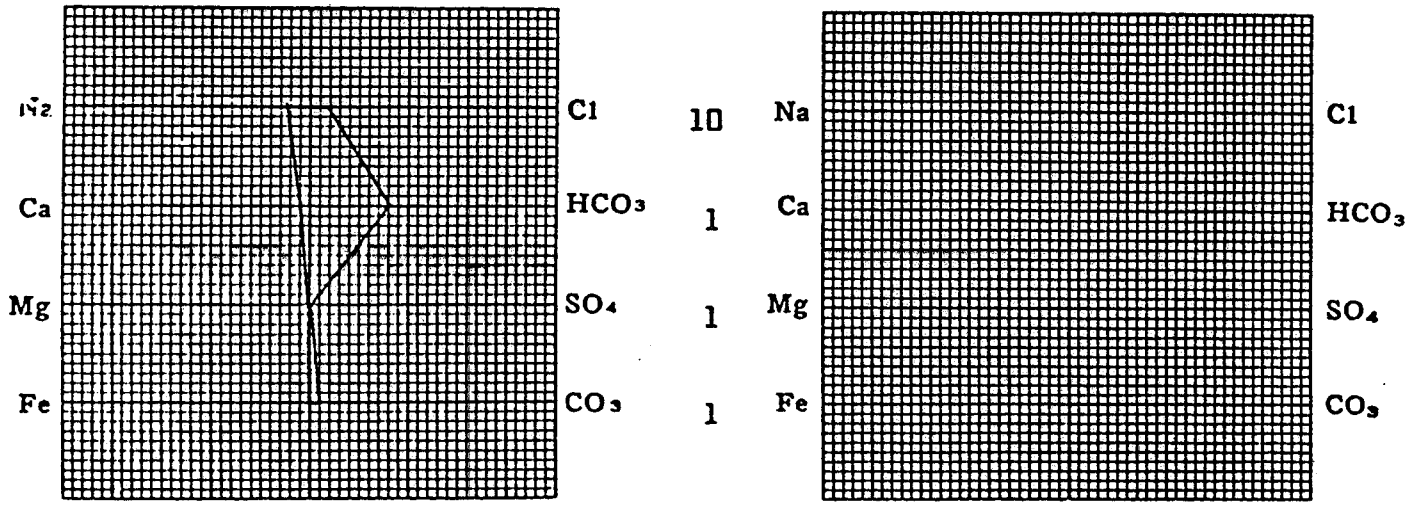
Total dissolved solids, mg/l 1556
NaCl equivalent, mg/l 1446
Observed pH 8.3

Specific resistance @ 68°F.:
Observed 4.00 ohm-meters
Calculated 4.10 ohm-meters

WATER ANALYSIS PATTERN

Sample above described

Scale
MEQ per Unit



(Na value in above graphs includes Na, K, and Li)
NOTE: Mg/l=Milligrams per liter Meq/l= Milligram equivalents per liter
Sodium chloride equivalent=by Dunlap & Hawthorne calculation from components

BINGHAM 15-1

CONVERSION TO WATER DISPOSAL

SECTION 15, T2N-R7E, SUMMIT COUNTY, UTAH

1. MIRU. If required, kill well. NU BOP's.

2. Run and set CICR @10,300'. PU and RIH w/stinger for CICR on 2 7/8" tbg. Sting into retainer & establish injection w/water.

3. Cement sqz Twin Creek perfs w/300 sx G. (Casing volume is 230 sx.) Pump 295 below retainer, leave 5 sx on top of retainer. Reverse clean, POH w/tbg.

4. RU wireline company and perf 4 sqz holes @6090'. RD wireline company.

5. RIH w/retrievable sqz pkr & set @5500'±. Establish injection w/water.

6. Squeeze perfs at 6090' w/200 sx G. Hesitate as required to obtain sqz. Rels pkr, reverse clean. POH. If unable to obtain sqz, overdisplace perfs 15 bbls and re-squeeze.

7. RIH w/bit, casing scraper and DC's/ Clean out sqz @6090'. Press test csg to 2500 psi. POH.

8. RU wireline company and run bond log w/wavetrain from 8250-6000'. Notify State of Utah, Division of Oil and Gas, so they can witness log.

9. Perf following Stump sand intervals:

7762-7734	28'
7664-7648	16'
7566-7552	14'
7390-7358	32'
7281-7261	20', 110' total

Use 4" csg gun, 4 SPF. Depths refer to Schlumberger Compensated Neuton, Formation Density Log, run 2 dated 4/9/79.

10. RIH w/retrievable pkr on 2 7/8" tbg. Break down w/rig pump. RU and swab to determine what formation fluids. Catch samples of formation fluids for analysis.

11. Acdz w/10,000 gals 15% HCl w/corrosion inhibitor. Drop 1 7/8" 1.1 SG ball slr every 20 gals. Pump at max rate attainable without exceeding 5000 psi surface pressure. Overdisplace 50 bbls.

12. Kill well. POH w/tbg & pkr. RIH w/ret. pkr on 2 7/8" internally coated tbg to 6150'±. Circ backside w/inhibited pkr fluid. Set pkr & test. ND BOP, NU wellhead, SI well until connection to disposal system is complete.

UPRR 15-1

The following is a list of the Lessees of record within one half mile of the above, to whom copies of application were sent:

Amoco Production Company
Division Production Manager
Western Division
1670 Broadway
Denver, Colorado 80290

Champlin Petroleum Corp.
Attn: Robert Vernon
P.O. Box 1257
Englewood, Colorado 80110

Sun Production Company
Attn: Penrod Thornton
P.O. Box 2880
Dallas, Texas 75221

North Central Oil
Attn: Milt Standley
6001 Savoy, Suite 600
Houston, Texas 77036

Form UIC 10
August, 1982

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
4241 State Office Building
Salt Lake City, Utah 84114

WELL INTEGRITY REPORT

Date 3/30/83

Water Disposal Well X Enhanced Recovery Well _____ Other _____

DOGM/UIC Cause Number _____

Company American Quasar

Address _____

City and State _____ Zip Code _____

Lease Name or Number _____ Well Name or Number UPRR 15-1

API Well Number 43-043-30080 Location SW 1/4 of NW 1/4 of ___

Section 15 Township 2N Range 7E County Summit

Present at Completion: _____ Yes X No

Casing Tested in My Presence: X Yes ____ No Pressure 1000 PSI 15 Minutes

Packer Tested in My Presence: X Yes ____ No Pressure 1000 PSI 15 Minutes

Surface-Prod. Csg. Annulus _____ PSI Prod. Csg.-Tubing Annulus 1000 PSI

Disposed/Injected Water Sample Taken:
____ Yes X No (Attach water analysis when obtained)

This well seems to be completed in accordance with DOGM Rule I:
Yes X No ____. If NO, write report.

Remarks:

I hereby certify that this report is true and complete to the best of my knowledge.

Name of Operator _____

_____
(Signature) (Title)

_____
DOGM Field Inspector

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Champlin Petroleum Company

3. ADDRESS OF OPERATOR: PO Box 700, Rock Springs, Wyoming 82902

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT: Pineview

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH: Summit

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Change of Operator			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WELLS	LOCATION
Newton Sheep 4-6	C NW, Sec 4, T2N, R7E
Pineview 4-7	SE NE, Sec 4, T2N, R7E
State 4-8	NW NE, Sec 4, T2N, R7E
Newton Sheep 4-9	SW NE, Sec 4, T2N, R7E
Newton Sheep 4-10	NW SE, Sec 4, T2N, R7E
Newton Sheep 4-11	NE SW, Sec 4, T2N, R7E
State 4-12	NE NW, Sec 4, T2N, R7E
UPRR 5-1	SE SE, Sec 5, T2N, R7E
Jones #1 (42-5)	SE NE, Sec 5, T2N, R7E
UPRR 9-1	SE NE, Sec 9, T2N, R7E
UPRR 9-2	NE SE, Sec 9, T2N, R7E
UPRR 11-1	NW NW, Sec 11, T2N, R7E
UPRR 15-1	NE NW, Sec 15, T2N, R7E
Boyer 34-1	SE SW, Sec 34, T2N, R7E

18. I hereby certify that the foregoing is true and correct

SIGNED S. M. Sheehan TITLE Production Superintendent DATE March 27, 1985

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

CLASS II FILE NOTATIONS

* * * *

DATE FILED: 4/5/85 OPERATOR: American Quasar WELL NO. UPRR 15-1

Sec. 15 T. 2N R. 7E QRT/QRT: NENW COUNTY: Summit

New Well? ____ Conversion? ✓ Disposal ____ Enhanced Recovery ____

* * * * * * * *

SURETY/Bond? ✓ Card Indexed? ✓ API Number: 43-043-30080

APPLICATION FILE COMPLETION

Completed Form DOGM-UIC-1? Yes

Plat identifying location and total depth of the following, Rule I-5(b)(1):

Surface Owner(s): 3 Operators: 2 water well(s) —, abandoned well(s) 0, producing wells or drilling well(s) 0, dry holes 0.

Completed Rule I-5(b)(2)? NR, (i) ____, (ii) ____

Schemetic diagram of Well: TD: 12000, PBTD: 10,300, Depth of Inj/Disp interval: 6912–7962, geologic name of inj/dis interval Stump, Casing and cement: top 5721, bottom 11,690, Size of: casing 13⅜ at 53 9⅝ at 2253 7" at 11690' tubing 2⅞ at 6155, depth of packer: 6155. Assessment of existing cement bond: ____

Location of Bottomhole: ____, MAXIMUM INJECTION RATE: 10,000 BPD

MAXIMUM SURFACE INJECTION PRESSURE: 2500 PSI.

Proposed Operating Data:

Procedure for controlling injection rates and pressures: Switch-meter-daily inspect

Geologic name: TG-KeL-Nug-Stump, depth, 10,584, location of injection fluid source. Analysis of water to be injected 10,634 Avg tds, water of injection formation 2033 tds., EXEMPTION REQUIRED? No.

Injection zone and confining zone data: lithologic description Sand-cong-shale-silt geologic name Stump, thickness 3007, depth 5125. lateral extent 9824 ft

USDW's that may be affected by injection: geologic name ____, lateral extent ____, depth to the top and bottom of all known USDW's all water wells in area are less than 200' deep.

Contingency plans? Steel tanks.

Results of formation testing? Formation fracture gradient .922 PSI/FT

Description of mechanical integrity test 1000 PSI 15 min, injection procedure ____.

* * * * * * *

CHECKED BY: UIC ADMINISTRATOR: ____

UIC GEOLOGIST: ____

Application Complete? ____ Notice Published ____, Date: / /.

DIRECTOR: Approved? ____, approval letter sent ____, Requires hearing ____.

Form 06C-1b

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

4

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
MAY 01 1985
DIVISION OF OIL GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
Champlin Petroleum Company

8. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR
PO Box 700, Rock Springs, Wyoming 82902

9. WELL NO.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

10. FIELD AND POOL, OR WILDCAT
Pineview

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH: Summit

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Change of Operator			X
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective April 1, 1985, Champlin Petroleum Company will assume operation of the Pineview Field, Summit County, Utah from American Quasar Petroleum Company. All further correspondence should be addressed to: Champlin Petroleum Company, P.O. Box 700, Rock Springs, Wyoming 82902.

The following wells are included in the Pineview Field, Summit County, Utah.

WELLS	LOCATION
Bingham 2-1	NW/4 SW/4 Sec 2, T2N, R7E
Bingham 2-1A	SW SW Sec 2, T2N, R7E
Bingham 2-2	NW NW, Sec 2, T2N, R7E
Bingham 2-3	SE SW, Sec 2, T2N, R7E
Bingham 2-4	SE NW, Sec 2, T2N, R7E
Bingham 2-5	NW SE, Sec 2, T2N, R7E
Bingham 10-1	NW NE, Sec 10, T2N, R7E
Bingham 10-2	NW NW, Sec 10, T2N, R7E
Bingham 10-3	SE NW, Sec 10, T2N, R7E
UPRR 3-1	NW/4 NW/4, Sec 3, T2N, R7E
UPRR 3-2	NW SW, Sec 3, T2N, R7E
UPRR 3-3	NW/SE, Sec 3, T2N, R7E
UPRR 3-4	SE NW, Sec 3, T2N, R7E
UPRR 3-5	SE SW, Sec 3, T2N, R7E
UPRR 3-6	SE SE, Sec 3, T2N, R7E
Pineview 3-7	SW SW, Sec 3, T2N, R7E
UPRR 3-8	SW NW, Sec 3, T2N, R7E
UPRR 3-9	NE SE, Sec 3, T2N, R7E
Newton Sheep #1	NE SE, Sec 4, T2N, R7E
Clark 4-1	SE SW, Sec 4, T2N, R7E
Pineview 4-3	SE SE, Sec 4, T2N, R7E
Pineview 4-4	SE SE, Sec 4, T2N, R7E
Newton Sheep 4-5	NE NE, Sec 4, T2N, R7E

CONTINUES PAGE 2 ----------

18. I hereby certify that the foregoing is true and correct

SIGNED S.M. Schram TITLE Production Superintendent DATE March 27, 1985

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

L Baroid
L Baroid . Industries, Inc
O Box 1675 ouston, Texas 77001

WATER ANALYSIS REPORT

BAROID TREATING CHEMICALS

RECEIVED
APR 10 1987
DIVISION OF OIL, GAS & MINING

UPRR 15-1

SHEET NUMBER 13

COMPANY: Champlin Petroleum 2N 7E Sec. 15

DATE: 2/19/87

FIELD: Pineview

COUNTY OR PARISH: Summit

STATE: Utah

LEASE OR UNIT: Transfer Plant

WELL(S) NAME OR NO.:

WATER SOURCE (FORMATION):

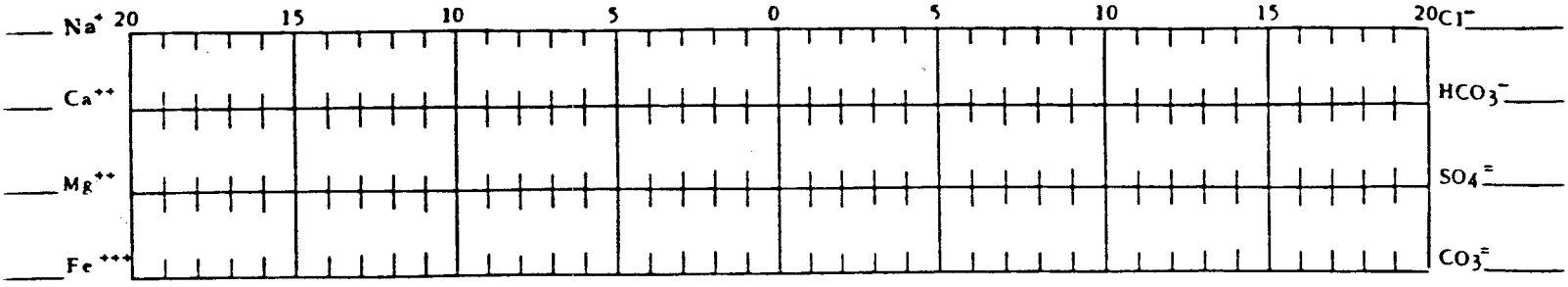
DEPTH, FT.	BHT, F	SAMPLE SOURCE	TEMP, F	WATER, BBL/DAY	OIL, BBL/DAY	GAS, MMCF/DAY
		Filter outlet				

DATE SAMPLED: 2/19/87

TYPE OF WATER: ☐ PRODUCED ☐ SUPPLY ☐ WATERFLOOD ☒ SALT WATER DISPOSAL

WATER ANALYSIS PATTERN

(NUMBER BESIDE ION SYMBOL INDICATES me/l* SCALE UNIT)



DISSOLVED SOLIDS

CATIONS	me/l*	mg/l*
Total Hardness	88	
Calcium, Ca^{++}	49.6	992
Magnesium, Mg^{++}	38.4	468.48
Iron (Total) Fe^{+++}		10
Barium, Ba^{++}		
Sodium, Na^{+}(calc.)	294.13	6764.99
ANIONS		
Chloride, Cl^{-}	371.83	13200
Sulfate, $SO_4^{=}$	87.5	4200
Carbonate, $CO_3^{=}$	0	0
Bicarbonate, HCO_3^{-}	10.8	658.8
Hydroxyl, OH^{-}	0	0
Sulfide, $S^{=}$	0	0

DISSOLVED GASES

Hydrogen Sulfide, H_2S		mg/l*
Carbon Dioxide, CO_2		mg/l*
Oxygen, O_2		mg/l*

PHYSICAL PROPERTIES

pH	7.1	
Eh (Redox Potential)		MV
Specific Gravity		
Turbidity, JTU Units		
Total Dissolved Solids (calc.)	26295	mg/l*
Stability Index @ ___ F		
@ ___ F		
$CaSO_4$ Solubility @ ___ F		mg/l*
@ ___ F		mg/l*
Max. $CaSO_4$ Possible (calc.)		mg/l*
Max. $BaSO_4$ Possible (calc.)		mg/l*
Residual Hydrocarbons		ppm(Vol/Vol)

SUSPENDED SOLIDS (QUALITATIVE)

Iron Sulfide ☐ Iron Oxide ☐ Calcium Carbonate ☐ Acid Insoluble ☐

REMARKS AND RECOMMENDATIONS:

*NOTE: me/l and mg/l are commonly used interchangeably for epm and ppm respectively. Where epm and ppm are used, corrections should be made for specific gravity.

ETC ENGINEER	DIST. NO.	ADDRESS	OFFICE PHONE	HOME PHONE
Patrick O'Rourke	810	Evanston, Wy.	(307) 789-1355	789-6541

ANALYZED | DATE | DISTRIBUTION ☐ CUSTOMER ☐ AREA OR ☐ DISTRICT OFFICE ☐ ETC ENGINEER OR ☐ ETC LAB ☐ ETC SALES SUPERVISOR

Baroid
NL Baroid/NL Industries, Inc.
P.O. Box 1675, Houston, Texas 77001

BAROID TREATING CHEMICALS

WATER ANALYSIS REPORT

SHEET NUMBER

COMPANY: CHAMPLIN PETROLEUM COMPANY

DATE: 4/6/87

FIELD	COUNTY OR PARISH	STATE
PINEVIEW	SUMMIT	UTAH

LEASE OR UNIT	WELL(S) NAME OR NO.	WATER SOURCE (FORMATION)
LODGEPOLE	Judd 34-2	Co-mingled

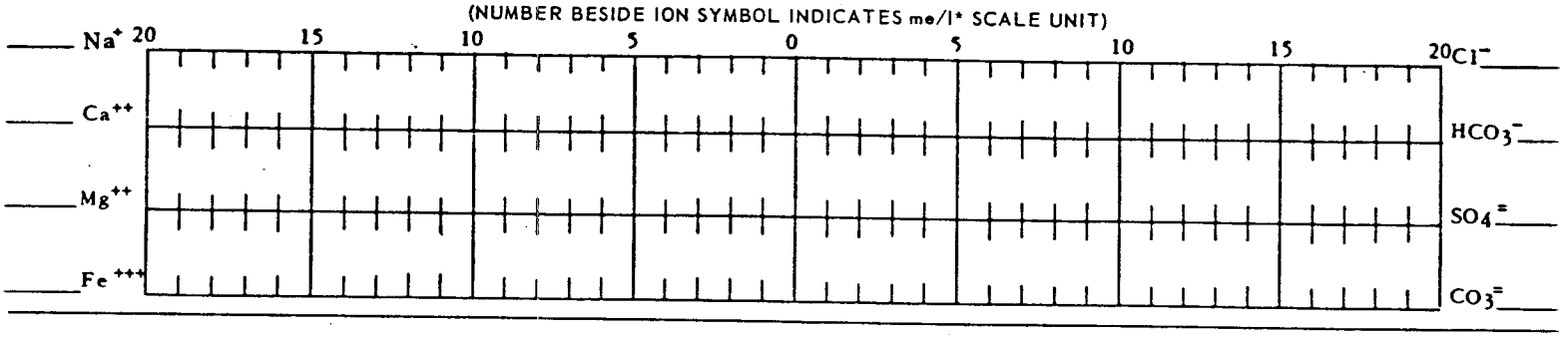
DEPTH, FT.	BHT, F	SAMPLE SOURCE	TEMP, F	WATER, BBL/DAY	OIL, BBL/DAY	GAS, MMCF/DAY

DATE SAMPLED: 4/2/87

TYPE OF WATER: ☒ PRODUCED ☐ SUPPLY ☐ WATERFLOOD ☒ SALT WATER DISPOSA

WATER ANALYSIS PATTERN

(NUMBER BESIDE ION SYMBOL INDICATES me/l* SCALE UNIT)



DISSOLVED SOLIDS

CATIONS	me/l*	mg/l*
Total Hardness	36.7	--
Calcium, Ca^{++}	26.7	534.0
Magnesium, Mg^{++}	10.0	122.0
Iron (Total) Fe^{+++}	0.7	12.5
Barium, Ba^{++}	0	0
Sodium, Na^{+}(calc.)	478.0	10,994.0
ANIONS		
Chloride, Cl^{-}	504.2	17,900.0
Sulfate, $SO_4^{=}$	0	0
Carbonate, $CO_3^{=}$	0	0
Bicarbonate, HCO_3^{-}	11.2	683.2
Hydroxyl, OH^{-}	0	0
Sulfide, S=	trace	0.4

DISSOLVED GASES

Hydrogen Sulfide, H_2S	____ mg/l*
Carbon Dioxide, CO_2	____ mg/l*
Oxygen, O_2	____ mg/l*

PHYSICAL PROPERTIES

pH	6.9
Eh (Redox Potential)	____ MV
Specific Gravity	____
Turbidity, JTU Units	____
Total Dissolved Solids (calc.)	30,246.1 mg/l*
Stability Index @____F	____
@____F	____
$CaSO_4$ Solubility @____F	____ mg/l*
@____F	____ mg/l*
Max. $CaSO_4$ Possible (calc.)	____ mg/l*
Max. $BaSO_4$ Possible (calc.)	____ mg/l*
Residual Hydrocarbons	____ ppm(Vol/Vo

SUSPENDED SOLIDS (QUALITATIVE)

Iron Sulfide ☐ Iron Oxide ☐ Calcium Carbonate ☐ Acid Insoluble ☐

REMARKS AND RECOMMENDATIONS:

*NOTE: me/l and mg/l are commonly used interchangeably for epm and ppm respectively. Where epm and ppm are used, corrections should be made for specific gravity.

BTC ENGINEER	DIST. NO.	ADDRESS	OFFICE PHONE	HOME PHONE
Pat O'Rourke	810	Rock Springs	382-3466	

ANALYZED	DATE	DISTRIBUTION
		☐ CUSTOMER ☐ AREA OR ☐ DISTRICT OFFICE ☐ BTC ENGINEER OR ☐ BTC LAB ☐ BTC SALES SUPERVISOR

MIC

Union Pacific Resources
A Subsidiary of Union Pacific Corporation

May 22, 1987

STATE OF UTAH
DIV OF OIL GAS & MINING
355 W NORTH TEMPLE
3 TRIAD CENTER STE 350
SALT LAKE CITY UT
84180

RECEIVED
MAY 2. 1987
DIVISION OF
OIL, GAS & MINING

RE: Corporate Name Change

Effective May 11, 1987, Champlin Petroleum Company (Champlin) changed its name to Union Pacific Resources Company (UPRC) to better identify Champlin with its parent company, Union Pacific Corporation.

Henceforth, all activities formerly conducted under the name Champlin will continue without interruption under the name UPRC.

Remittance addresses, telephone numbers, lockboxes, and bank accounts will not be affected as a result of this name change. Our federal tax identification number (73-0739973) will not be changed. Therefore, it will not be necessary to suspend any payments due UPRC and UPRC hereby requests that all payments formerly made in the name of Champlin be paid, without interruption, to UPRC. It is understood that UPRC will indemnify and hold you harmless from any claims or liability arising out of your reliance on this letter. Similarly, invoices and billings for goods and services provided should be directed to UPRC utilizing previous Champlin addresses.

It is requested that you please update your records to reflect this change. If you have any questions regarding this name change, please contact:

Union Pacific Resources Company
P.O. Box 7, MS 3306
Fort Worth, Texas 76101-0007
Attn: Ms. Martha Chitwood

Thank you for your cooperation.

Very truly yours,

UNION PACIFIC RESOURCES COMPANY

By Robert S. Jackson

Vice President Finance

Form OGC-1b

SUB. TRIPLICATE* (Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
MAR 11 1988
DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME 031501

1. OIL WELL ☐ GAS WELL ☐ OTHER Saltwater Disposal

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
UNION PACIFIC RESOURCES COMPANY

8. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR
P.O. Box 700 Rock Springs, WY 82902-0700

9. WELL NO.
See Below

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

10. FIELD AND POOL, OR WILDCAT
Pineview-Stump (SWD)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
See Below

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH
Summit

13. STATE
Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Change of Status			X
(Other)			☐				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

The following wells, with the exception of UPRR 15-1, were shut-in February 24, 1988 to reduce disposal volumes into the overpressured Stump reservoir. The UPRR 15-1 was shut-in March 4, 1988. The wells will remain in a shut-in status and will only be utilized in emergency situations.

Well Name	Location	
UPRR 3-5	SESW Sec. 3, T2N, R7E	43-043-30035 SDW
UPRR 11-1	NWNW Sec. 11, T2N, R7E	43-043-30027 WIW
UPRR 15-1	NENW Sec. 15, T2N, R7E	43-043-30080 WIW
Boyer 34-1	SESW Sec. 34, T2N, R7E	43-043-30034 WIW
Bingham 10-3	SESW Sec. 10, T2N, R7E	43-043-30097 WIW

18. I hereby certify that the foregoing is true and correct

SIGNED Keith J. Nosich TITLE Petroleum Engineer DATE 3/8/88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

March 16, 1990

UIC
GLH
DJJ
BGH
COMPUTER
MICROFILM
FILE
Enforcement

Union Pacific Resources Company
P.O. Box 7
Fort Worth, Texas 76101

Gentlemen:

Re: Disposal Wells No.s 5-1 and 15-1, Sections 5 and 15, Township 2 North, Range 7 East, Summit County, Utah, API No.s 43-043-30004, 30080

The purpose of this letter is to discuss the mechanical condition of the referenced wells.

The 15-1 well has pressure on the tubing/casing annulus which indicates a probable leak in the tubing or packer. This well is also due for a mechanical integrity test which is required by rule every five years. Please make arrangements to repair and test the well to demonstrate compliance. If possible this work should begin within 60 days following receipt of this letter.

The 5-1 well has had a casing leak opposite the Stump formation, for at least two years. This concern was pointed out to you in a letter from this Division dated August 2, 1988 and it was hoped that this situation would be remedied by cement squeeze. Monitoring of the tubing and annulus pressures assure the integrity of the tubing and packer, however, fluid could be migrating up outside the casing into shallower zones.

At this time we are requesting that UPRC take the following actions to rectify the problem and bring this well back into full compliance with regulations. This work should begin within 60 days following receipt of this letter.

1. Run an " Oxygen Activation Log " on the well to determine whether fluid is migrating up outside the casing into shallow zones.

2. Perform remedial cement work on the well to eliminate the casing leak and establish an obstruction to the possible up hole fluid movement outside the casing.

If you would like to discuss these items or have other suggestions for solving these problems, please call.

Sincerely,

Gil Hunt
UIC Manager

ldc
cc: R.J. Firth
WOI55

Form OGC-1b

SUBMIT TRIPLICATE* (Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

MAY 07 1990

DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.: FEE
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: UPRR
9. WELL NO.: UPRR
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 15-1 T.3N, R.7E

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR: UNION PACIFIC RESOURCES COMPANY Attn: Dave Petrie

3. ADDRESS OF OPERATOR: P.O. Box 700 Rock Springs, WY 82902-0700

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2051.5 FWL, 666.8' FNL

14. PERMIT NO.: 43-043-30080
15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7264' KB
12. COUNTY OR PARISH: Summit
13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Pressure Test			X
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The following work was completed on the subject well:

1. Rig up workover rig.
2. Release packer and TOOH.
3. Lay down and inspect tubing.
4. TIH w/Baker R-3 packer and 187 jts. 2-7/8" 6.5# N-80 EUE internally plastic coated tubing. Testing above slips every joint.
5. Circulate packer fluid, set packer and test to 1100 psi. Held for 15 min. O.K.
6. Tubing was left flowing while pressure testing backside.
7. Rigged down.

UIC	
GLH	✓
DJJ	
BGH	
COMPUTER	✓
MICROFILM	
FILE	

OIL AND GAS

JRB	1 - CLH ✓
DTS	SLS
8-TAS	
1 - MICROFILM	
1 - UIC FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED David S. Petrie TITLE ~~Associate~~ Analyst DATE May 3, 1990

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other (specify) Disposal

9. Well Name and Number
UPRR 15-1

2. Name of Operator
UNION PACIFIC RESOURCES COMPANY

10. API Well Number
43-043-30080

3. Address of Operator
P.O. Box 7 -MS 3407, Ft. Worth, TX 76101-0007

4. Telephone Number
(817) 877-6000

11. Field and Pool, or Wildcat
Pineview

5. Location of Well
Footage :
QQ, Sec, T., R., M. : NE NW Sec 15 -2N -7E
County : Summit
State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
☒ Abandonment	☐ New Construction	☐ Abandonment *	☐ New Construction
☐ Casing Repair	☐ Pull or Alter Casing	☐ Casing Repair	☐ Pull or Alter Casing
☐ Change of Plans	☐ Recompletion	☐ Change of Plans	☐ Shoot or Acidize
☐ Conversion to Injection	☐ Shoot or Acidize	☐ Conversion to Injection	☐ Vent or Flare
☐ Fracture Treat	☐ Vent or Flare	☐ Fracture Treat	☐ Water Shut-Off
☐ Multiple Completion	☐ Water Shut-Off	☐ Other	
☐ Other			

Approximate Date Work Will Start June 1-15, 1992

Date of Work Completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

PLUG & ABANDONMENT PROCEDURES:

- Well Data -

GLE: 7248' TD 12,100' PBTD: Cleaned out to 7978' 12/85 (CICR @ 10,300')
Surface casing: 9-5/8" @ 2253'
Production casing: 7", 17, 23, 26, 29, & 32# S-95 @ 11,690'; Top of cmt @ 5721'; DV tool @ 3022' Cmt from 3022-1227'
Tubing: 2-7/8", 6.5# N-80 EUE 8 RD ; Baker R-3 packer @ 5952'
Perforations: Stump 6761-7762' gross w/4 JSPF, 850 holes
Well Status: Shut-in - The Stump formation is overpressured in the Pineview Field. There is no uphole potential.

- Procedure -

1. MIRUSU, 2 - 500 bbl frac tanks, and circulating pump.

2. Load frac tank w/500 bbls 35% CaCl water (MW 11.15 ppg). Rig up to tbg head and wellhead and bull head water to kill well. If cannot bullhead, then circulate down casing. Maximum surface pressure not to exceed 3000 psi or wellhead working pressure rating, whichever is less.

** Continued on Reverse **

14. I hereby certify that the foregoing is true and correct

Name & Signature R. L. Montgomery R L Montgomery Title Regulatory Tech Date 4/2/92

(State Use Only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 4-17-92
BY: J R Matthews

(8/90)

See Instructions on Reverse Side

3. With well dead, TOOH w/pump & rods. ND wellhead, NU BOP. Release tbg anchor & TOOH w/tbg keeping hole full.

4. RU wireline and lubricator and RIH w/gauge ring to 6700'. PU and RIH w/CICR and set @ 6700'. RD wireline.

5. PU stinger and 2-7/8" tbg and TIH. Pressure test csg to 1000 psi and tbg to 2500 psi. Sting into retainer.

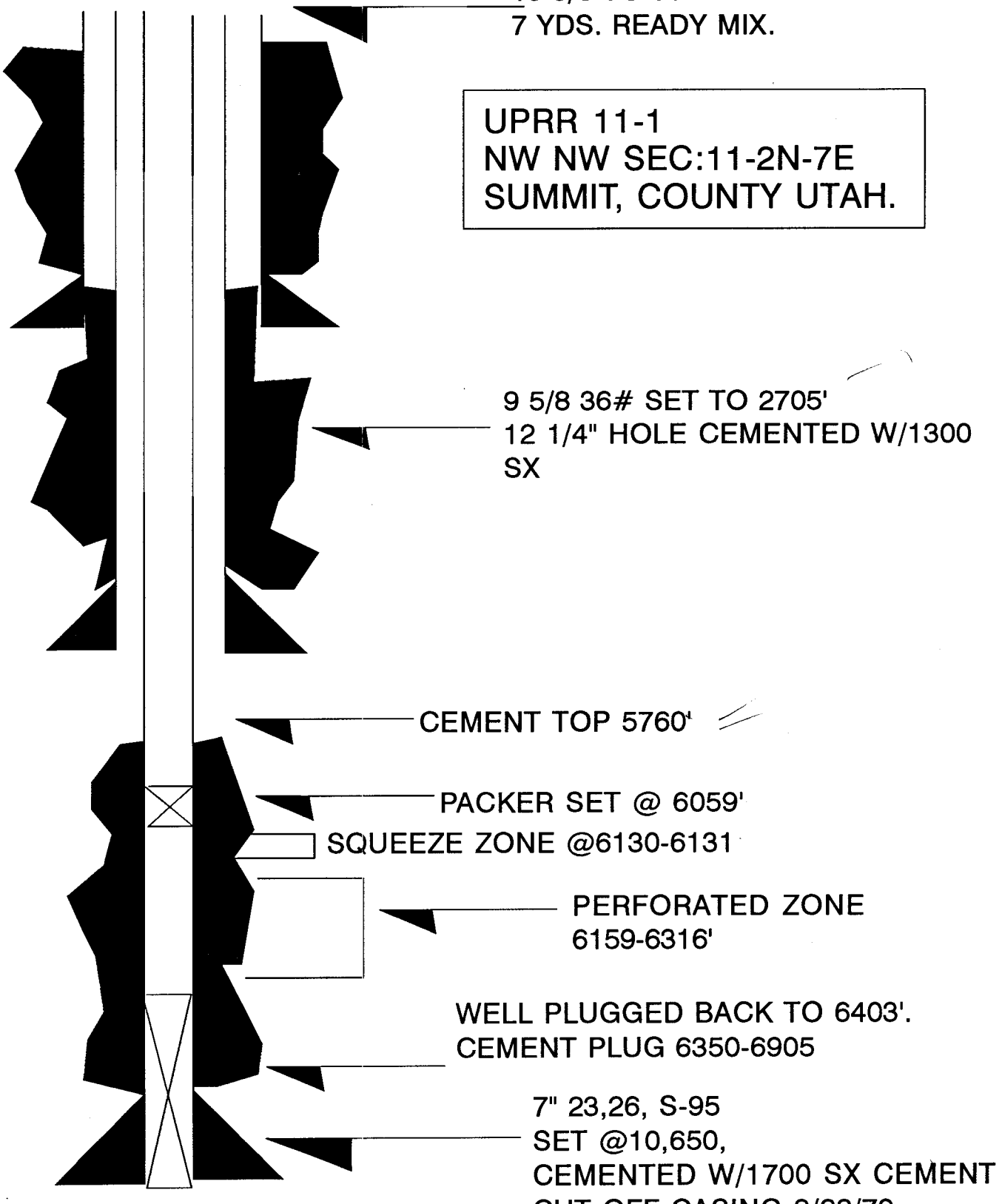
6. RU cementers to squeeze cement Stump perforations 6761'-7762'. Establish injection rate down 2-7/8" tbg while monitoring annulus pressure. Squeeze w/100 sx Class "G" low water loss cut followed by 200 sx Class "G" neat. Sting out of retainer and spot 5 sx on top. Reverse circulate hole clean w/Calcium Chloride water.

7. TOOH laying down tbg to 2300'. Spot 100' cmt plug from 2300'-2200' (20 sx) across surface casing shoe. FTOH & LD tubing.

8. ND BOPs & tubing head. Release csg & slips. Remove casing head.

9. Spot 10 sx plug @ surface using 2-7/8" tbg. Using 1" pipe, set 100' annular plug. RD cementers.

10. Weld on regulation P&A marker, RDMOSU. Reclaim location.


13 3/8 TO 61'
7 YDS. READY MIX.
UPRR 11-1
NW NW SEC:11-2N-7E
SUMMIT, COUNTY UTAH.
9 5/8 36# SET TO 2705'
12 1/4" HOLE CEMENTED W/1300 SX
CEMENT TOP 5760'
PACKER SET @ 6059'
SQUEEZE ZONE @6130-6131
PERFORATED ZONE
6159-6316'
WELL PLUGGED BACK TO 6403'.
CEMENT PLUG 6350-6905
7" 23,26, S-95
SET @10,650,
CEMENTED W/1700 SX CEMENT
CUT OFF CASING 8/22/79
TD.10648' PBTD 6403'

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ABANDONMENT OPERATIONS

COMPANY NAME: UNION PACIFIC RESOURCES

WELL NAME: UPRC 15-1

QTR/QTR: NE NW SECTION: 15 TOWNSHIP: 2N RANGE: 7E

COUNTY: SUMMIT API NO: 43-043-30080

CEMENTING COMPANY: HALLIBURTON WELL SIGN: NO

TIME: VARIOUS DATE: 6/8-9/1992

==========

GBACK: SQUEEZE: X P&A WELL: X

LASS G INTERMEDIATE PLUG: 2315

6,100 WIRELINE: X MECHANICAL:

7,762 SQUEEZE PRESSURE: 3,500 PSI

==========

/8 @2253 PRODUCTION: 5 1/2 17-32#

K-55 PRODUCTION: S-95

STED TO: 1,000 PSI TIME: 5 MIN:

==========

UDE NO. OF SACKS CLASS AND ADDITIVES)

2 100' "G" 2% CaCl 10 SX

20 SX "G" 2% CaCl 2200' TWO PLUGS SET

X "G" LOW H2O & NEAT AT 6100', 3500 PSI

LUG: 33 SX "G" NEAT

5. ANNULUS CEMENTED: 100' "G" 2% CaCl PLACED WITH 1"

6. FLUID IN WELL BORE: 11.3# CaCl HEAVY H2O W/BIOCIDE & CH

==========

ABANDONMENT MARKER SET:

PLATE: X PIPE: CORRECT INFORMATION: X

REHABILITATION COMPLETED: NO

==========

COMMENTS: CICR WAS SET AT 6100' NOT 6700' AS CALLED FOR IN THE PROGNOSIS. PERFS WERE SQUEEZED TO 3500 PIS. TWO INTERMEDIATE PLUGS WERE SET AT 2200' AND PRESSURED TO 1000 PSI FOR 20 MIN.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ABANDONMENT OPERATIONS

COMPANY NAME: UNION PACIFIC RESOURCES

WELL NAME: UPRC 15-1

QTR/QTR: NE NW SECTION: 15 TOWNSHIP: 2N RANGE: 7E

COUNTY: SUMMIT API NO: 43-043-30080

CEMENTING COMPANY: HALLIBURTON WELL SIGN: NO

INSPECTOR: KIERST/BERRIER TIME: VARIOUS DATE: 6/8-9/1992

==========

CEMENTING OPERATIONS: PLUGBACK: _____ SQUEEZE: X P&A WELL: X

SURFACE PLUG: 100' CLASS G INTERMEDIATE PLUG: 2315

BOTTOM PLUG SET @: 6,100 WIRELINE: X MECHANICAL: _____

PERFORATIONS: 6,761-7,762 SQUEEZE PRESSURE: 3,500 PSI

==========

CASING SIZE: SURFACE: 9 5/8 @2253 PRODUCTION: 5 1/2 17-32#
GRADE: SURFACE: K-55 PRODUCTION: S-95

PRODUCTION CASING TESTED TO: 1,000 PSI TIME: 5 MIN:

==========

SLURRY INFORMATION: (INCLUDE NO. OF SACKS CLASS AND ADDITIVES)

1. SURFACE PLUG: 5 1/2 100' "G" 2% CaCl 10 SX

2. INTERMEDIATE PLUG: 20 SX "G" 2% CaCl 2200' TWO PLUGS SET

3. BOTTOM PLUG: 300 SX "G" LOW H2O & NEAT AT 6100', 3500 PSI

4. CEMENT ON TOP OF PLUG: 33 SX "G" NEAT

5. ANNULUS CEMENTED: 100' "G" 2% CaCl PLACED WITH 1"

6. FLUID IN WELL BORE: 11.3# CaCl HEAVY H2O W/BIOCIDE & CH

==========

ABANDONMENT MARKER SET:

PLATE: X PIPE: _____ CORRECT INFORMATION: X

REHABILITATION COMPLETED: NO

==========

COMMENTS: CICR WAS SET AT 6100' NOT 6700' AS CALLED FOR IN THE PROGNOSIS. PERFS WERE SQUEEZED TO 3500 PIS. TWO INTERMEDIATE PLUGS WERE SET AT 2200' AND PRESSURED TO 1000 PSI FOR 20 MIN.

JOB LOG

WELL NO. ____ LEASE ____ TICKET NO ____

CUSTOMER UPRC PAGE NO. 1

FORM 2013 R-2 JOB TYPE SQUEEZE PTA DATE 6-10-92

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	0700							ON LOCATION 6-10-92
	0710							SAFETY MEETING & RIG UP.
	0835							TEST LINES TO 3500 PSI OK
	0842					3500	✓	TEST TUBING TO 3500 PSI OK
	0845					✓	1000	TEST ANNULUS TO 1000 PSI OK.
	0853					980	1000	STING INTO EZSV GET INJECTION RATE
								3½ BPM 980 PSI W/ 5 BBL FRESH WATER
	0856	3½	82			170 ~~980~~	1000	MIX AND PUMP 100 SKS W/ FLUID LOSS
								100 SKS W/ 2% C.C.
								200 SKS NEAT
								ALL BLENDS MIX AT 15.8 #/GAL
	0923	2	5			1120	1000	DISPLACE CMT W/ 5 BBL FRESH
			17					WATER AT 2 BPM
		1				1125 ~~1200~~	1000	BBL AT 1 BPM OF 11# WATER
		½	3			3500	1000	SLOW RATE TO ½ BPM PRESSURE
								KEPT ON CLIMBING SLOW TO A
						3500	1000	MAX SQUEEZE PRESSURE OF 3500 PSI
	0952							SHUT DOWN W/ 21 BBL TOTAL DISPLACE
								LEFT 9 BBL OF CMT IN TUBING.
								STING OUT OF EZ-SV
	0955							POH W/ 4 JTS TUBING
	1005	2	4½			230	✓	PUMPED 4½ BBL 11# WATER
								SHUT DOWN
	1010							POH W/ 5 JTS TUBING
	1015	3½	60			✓	850	REVERSED OUT W/ 60 BBL 11# WATER
								REVERSED OUT 3 BBL CMT LEFT
								6 BBL CMT ON TOP OF EZ-SV
	1100							SHUT DOWN RELEASED FOR DAY.

CUSTOMER

HALLIBURTON SERVICES
Duncan, Oklahoma 73536
A Division of Halliburton Company

ORM 1908 R-7

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 112136

DISTRICT ROCK SPRINGS (EVANSTON) DATE 6-10-92

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: UPR (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 15-1 SWD LEASE UPRR SEC. 15 TWP. 2N RANGE 7E

FIELD PINEVIEW COUNTY SUMMIT STATE UTAH OWNED BY UPR

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME STUMP TYPE

FORMATION THICKNESS FROM TO

PACKER: TYPE EZSV SET AT 6700'

TOTAL DEPTH MUD WEIGHT 11.6 PPG

BORE HOLE

INITIAL PROD: OIL BPD, H_2O BPD, GAS MCF

PRESENT PROD: OIL BPD, H_2O BPD, GAS MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	U	17-32	7"			
LINER						
TUBING	U	5.5	2 7/8	EUE		
OPEN HOLE						SHOTS/FT.
PERFORATIONS				6761	7762	4
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ☐ ANNULUS ☐ CASING ☐ TUBING/ANNULUS ☐ HYDRAULIC HORSEPOWER ORDERED

Run 7" EZSV and set at 6700" to squeeze perf 6761-7762.

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.

b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:

1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
3. Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.

d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty, or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.

f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.

g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.

h) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT

SIGNED _____ CUSTOMER

DATE 6-10-92

TIME 0730 A.M. P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

RETAIN

HALLIBURTON SERVICES

JOB LOG

WELL NO. [illegible] LEASE [illegible] TICKET NO.

CUSTOMER UPR PAGE NO. 1

FORM 2013 R-2

JOB TYPE EZSV SQUEEZE & ABANDON DATE 6-10-92

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	0700							On loc. Rigging up
	0830							Safety meeting
	0845							test pumps & lines 4300 psi O.K.
	0847					3500		test tubing 3500 O.K.
	0851						1000	on back side O.K.
	0854	3.5				900	1000	Injection rate
	0900						1000	Start mix cmt 100 SKS 2/10 20 Halad-344; 100 SKS 2% C.C.
								200 SKS Neat 82 Bbls cmt
	0955					3500	1000	Squeez with 8 Bbls cmt left in tubing.
	0957							Sling out pull 4 joints pump 4 Bbls down tubing, lay down 5 more joints
	1023							Start reverse out
	1115							Job complete coming out of hole laying tubing down

RETAIN

HALLIBURTON SERVICES

SUMMARY

HALLIBURTON LOCATION ROCK SPRINGS (EVANSTON) BILLED ON TICKET NO. 112136

WELL DATA

FIELD PINEVIEW SEC. 15 TWP. 2N RNG. 7E COUNTY SUMMIT STATE UTAH

FORMATION NAME STUMP TYPE

FORMATION THICKNESS FROM TO

INITIAL PROD: OIL BPD. WATER BPD. GAS MCFD

PRESENT PROD: OIL BPD. WATER BPD. GAS MCFD

COMPLETION DATE MUD TYPE MUD WT.

PACKER TYPE SET AT

BOTTOM HOLE TEMP. PRESSURE

MISC. DATA TOTAL DEPTH

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING						
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 6-10-92	DATE 6-10-92	DATE 6-10-92	DATE 6-10-92
TIME 0430	TIME 0700	TIME 0700	TIME 1200

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER ~~XXX~~ EZSV 7"	1 ea.	Halco
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
C. BULLER	40984 P.U.	55365

MATERIALS

TREAT. FLUID DENSITY LB/GAL.-API°

DISPL. FLUID DENISTY LB/GAL.-API°

PROP. TYPE SIZE LB.

PROP. TYPE SIZE LB.

ACID TYPE GAL. %

ACID TYPE GAL. %

ACID TYPE GAL. %

SURFACTANT TYPE GAL. IN

NE AGENT TYPE GAL. IN

FLUID LOSS ADD. TYPE GAL.-LB. IN

GELLING AGENT TYPE GAL.-LB IN

FRIC. RED. AGENT TYPE GAL.-LB IN

BREAKER TYPE GAL.-LB. IN

BLOCKING AGENT TYPE GAL.-LB.

PERFPAC BALLS TYPE QTY.

OTHER

OTHER

DEPARTMENT Tools

DESCRIPTION OF JOB Run 7" EZSV & set @ ±6700' to Squeeze perf. 6761' - 7762'.

JOB DONE THRU: TUBING ☒ CASING ☐ ANNULUS ☐ TBG./ANN. ☒

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR Charles Buller

COPIES REQUESTED

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	100		AG-300	B	2/10% Halad-344	1.15	15.8
1	200		AG-300	B	Neat 2% C.C.	1.15	15.8
1	200		AG-300	B	Neat	1.15	15.8

PRESSURES IN PSI

CIRCULATING DISPLACEMENT

BREAKDOWN MAXIMUM

AVERAGE FRACTURE GRADIENT

SHUT-IN: INSTANT 5-MIN. 15-MIN.

HYDRAULIC HORSEPOWER

ORDERED AVAILABLE USED

AVERAGE RATES IN BPM

TREATING DISPL. OVERALL

CEMENT LEFT IN PIPE

FEET REASON

VOLUMES

PRESLUSH: BBL.-GAL. TYPE

LOAD & BKDN: BBL.-GAL. PAD: BBL.-GAL.

TREATMENT: BBL.-GAL. DISPL: BBL.-GAL.

CEMENT SLURRY: BBL.-GAL.

TOTAL VOLUME: BBL.-GAL.

REMARKS

CUSTOMER UPR LEASE UPRR WELL NO. 15-1 SWD JOB TYPE EZSV SQUEEZE DATE 6-10-92

FORM 2025-R2

RETAIN

OPERATOR
45M.
HR.
1
TRUCK NO. 7612
15M.
LEASE
30M.
HR.
WELL NO.
45M.
1
KIND OF JOB
30M
FIELD
45M.
HR.
0/7500
500–8000
1000–8500
1500–9000
2000–9500
2500–10000
3000–10500
3500–11000
4000–11500
4500–12000
5000–12500
5500–13000
6000–13500
6500–14000
7000–14500
7500 15000
DUNCAN
OKLAHOMA
COMPANY
CEDAR PARK, TX
MARTIN-DECKER
MADE IN U.S.A.
Y48AH
250 LB
PSI
DIVISIONS

JOB LOG

FORM 2013 R-2

WELL NO. _____ LEASE _____ TICKET NO. _____

CUSTOMER UPRC PAGE NO. 2 / 1

JOB TYPE SQUEEZE PTN DATE 6-11-92

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	0700							ON LOCATION 6-11-92
	0710							SAFETY MEETING & RIG UP
	0730							TEST LINES 1500 PSI
	0740	3	12			320	Ø	LOAD HOLE W/ 11# WATER
	0750	2	2			120	Ø	PUMP 2 BBL FRESH WATER
	0753	2	4			90	Ø	PUMP 20 SKS 4 BBL 15.8#/GAL CMT
	0755	2	12			75	Ø	DISPLACE W/ 2 BBL FRESH WATER AND 10 BBL 11# WATER
	0805							SHUT DOWN POH W/ TUBING
	0820							PULLED 5 JTS STARTED COMING BACK WET (5 JTS WERE DRY)
	0830	3	30			220	Ø	REVERSE OUT W/ 30 BBL GOT 1 BBL CMT BACK
	0845							RUN BACK IN HOLE W/ 3 JTS TUBING TO RESET PLUG
	0900	1	1			70	Ø	1 BBL FRESH WATER
	0905	2	2			65	Ø	PUMP 10 SKS 2 BBL CMT 15.8#/GAL
	0906	2	11			60	Ø	DISPLACE CMT W/ 1 BBL FRESH WATER AND 10 BBL 11# WATER
	0915							POH W/ TUBING 7 JTS WERE DRY
	0925							POH W/ 7 JTS TUBING AND COMING BACK WET
	0950	3	100			170	Ø	RIG UP AND CIRC WELL W/ 100 BBL 11# WATER STILL WANTING TO FLOW
	1030					1000	1000	PSI WELL UP TO 1000 PSI OK
	1045							BLED OFF PSI FLOWED BACK 1 BBL
	1050							POH W/ TUBING WELL NOT FLOWING
	1220							RIH W/ TUBING TAGGED PLUG AT 2200 FT
	1230							POH W/ TUBING
	1230							STANDING BY TO SET SWAGE PLUG

CUSTOMER

JOB LOG

FORM 2013 R-2

LEASE _____ TICKET NO. _____

CUSTOMER UPRC PAGE NO. 2

JOB TYPE SQUEEZE P.T.A. DATE 6-11-92

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	0345							SURFACE PLUG!
								~~PUMP 2 [illegible] 6 [illegible]~~
	0350	½	9			100	0	LOAD 7" CASING WITH 5 BBL 11# WATER
								AND 4 BBL FRESH WATER TO SURFACE
		½	5			120	0	MIX AND PUMP 25 SKS 5 BBL CMT
								15.8 #/GAL DOWN 100' OF 1" PIPE
		½	4			130	0	MIX AND PUMP 20 SKS 4 BBL
								15.8 #/GAL CMT DOWN ½ PIPE 100'
								BETWEEN 7" AND 9 5/8" CASING
								CMT BOTH STRING OF CASING
								BACK TO SURFACE
	1630							JOB COMPLETED CREW RELEASED

CUSTOMER

Form 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals

RECEIVED
AUG 31 1992
DIVISION OF OIL, GAS & MINING

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other (specify) Disposal

9. Well Name and Number
UPRR 15-1

2. Name of Operator
UNION PACIFIC RESOURCES COMPANY

10. API Well Number
43-043-30080

3. Address of Operator
P.O. Box 7-MS 3407, Fort Worth, TX 76101-0007

4. Telephone Number
817/877-7952

11. Field and Pool, or Wildcat
Pineview

5. Location of Well
Footage :
QQ, Sec, T., R., M. : NE NW Sec 15-2N-7E
County : Summit
State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
☐ Abandonment	☐ New Construction	☒ Abandonment *	☐ New Construction
☐ Casing Repair	☐ Pull or Alter Casing	☐ Casing Repair	☐ Pull or Alter Casing
☐ Change of Plans	☐ Recompletion	☐ Change of Plans	☐ Shoot or Acidize
☐ Conversion to Injection	☐ Shoot or Acidize	☐ Conversion to Injection	☐ Vent or Flare
☐ Fracture Treat	☐ Vent or Flare	☐ Fracture Treat	☐ Water Shut-Off
☐ Multiple Completion	☐ Water Shut-Off	☐ Other	
☐ Other			

Approximate Date Work Will Start _____

Date of Work Completion 6-11-92

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The subject well was permanently plugged and abandoned on 06-10-92 as follows:

MIRU OWP. Correlate to Dresser Atlas CBL dated 04/18/79. RIH w/gauge ring to 6110' KB, tag restriction. RU & TIH w/Halliburton CICR. Set CR top @ 6100' KB.

Squeeze stump pers (6761'-7762') w/100 sx Class "G" low water loss, followed by 100 sx Class "G" w/2% CaCl. Tailed w/200 sx Class "G" neat. Total cmt. 400 sxs. Squeeze pressure = 3500#.

Spot cement plug w/20 sx Class "G" neat across csg shoe. Reverse out w/30 bbls heavy wtr; returns 1 bbl cmt back, plug short. TIH w/tbg @ 2252'; reset plug. Pump 10 sx, displace w/fresh water & heavy water. Circulate well w/100 bbls heavy water.

Representative from the State of Utah, O & G Division, Chris Kierst, requested pressure test & tag plug. Pressure test csg to 1000 psi - held 15 minutes - held OK. Tag cement @ 2200' KB.

(CONTINUED ON REVERSE)

14. I hereby certify that the foregoing is true and correct

Name & Signature Rachelle Montgomery Rachelle Montgomery Title Regulatory Analyst Date 8-27-92

(State Use Only)

ND BOP's & tbg head. Release csg & slips. Remove csg head. Dig out & cut off csg.

Set 100' plug w/25 sx, 15.8# cmt, 1/2" down 9-5/8" between 7". Set 20 sx plug cement both strings of csg back to surface.

Weld on DH marker & remove all equipment.